

GREEN&WHITE

Ruth Aschim has the curiosity and courage to research the growing threat of wild pigs on the prairies—what gives you the courage to be bold in your life?



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SASKATCHEWAN

A woman with blonde hair, wearing a dark green button-down shirt and blue jeans, stands in a lush forest. She is looking upwards and to the right. The forest is filled with tall trees and dense green foliage. The lighting is soft, suggesting a dappled sunlight effect.

“I just kept bugging him and bugging him. Then he said ‘OK, I finally got funding for wild pigs.’ I didn’t even know we had wild pigs. I wasn’t interested in wild pigs. So I said sure, why not?”

**RUTH ASCHIM (BSC’13) RENEWABLE RESOURCE MANAGEMENT,
COLLEGE OF AGRICULTURE AND BIORESOURCES**

Photography: David Stobbe

Read more about this on page 12.

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Contact

alumni.office@usask.ca
306-966-5186 or 1-800-699-1907

Editor

John Grainger

Art Director

Malary Cloke

Writers

Shannon Boklaschuk (BA'00, MPA'14)
Beverley Fast
Kathy Fitzpatrick
Kris Foster (BComm'98)
HenryTye Glazebrook (BA'15)
Patrick Hayes (BA'80, MA'89)
Scott Larson
Taryn Milton
Joanne Paulson (BA'82)
Jenn Sharp
James Shewaga

Photographers

Mark Ferguson
Richard Marjan
Matt Ramage
Liam Richards
David Stobbe (cover)
Gord Waldner

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Thorvaldson Building, 110 Science Place
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We acknowledge that the University of Saskatchewan is located on Treaty 6 Territory and the Homeland of the Métis. We pay our respect to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another.

The *Green & White* was established in 1939 and is published every May and October. The views and opinions expressed in the *Green & White* do not necessarily reflect the official position of the University of Saskatchewan or the USask Alumni Association.

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Exciting times ahead for the venerable *Green & White*—

Curiosity is the lifeblood of the University of Saskatchewan.

It's only fitting that the final pillar of the landmark University Plan 2025 set forth last year is *Courageous Curiosity*. How do we as a university embrace—no, celebrate—curiosity? Where can we be courageous as innovators in our community?

USask, for instance, has moved forward with a bold new brand that instils courage in how we present what happens on campus. This also sets up USask to become the university the world needs.

For us at the *Green & White*, it's also about innovation in how we conduct our business as we create options to expand our content. You can understand our reluctance when broaching the subject of reducing *Green & White* to just one print issue a year.

Since 1939, the *Green & White* has gone out to thousands of alumni of this institution from all over the globe, making us one of the most widely circulated publications in this province. We've told countless stories about our triumphs, our passions, our lives. It's been like a twice-yearly letter from home that we've come to expect, to savour and to enjoy.

But it is time for a change, and for many reasons.

First and foremost is simply the cost. The price of turning out a glossy magazine is no longer economically feasible. As you have witnessed already, we are not the first publication to go this route. During the last decade, many other esteemed publications have either gone completely online, trimmed

dramatically, or have simply just vanished from the print landscape. We are not doing that.

Based on recent industry stats and trends, we know the way people consume news and stories is changing at a rapid pace, and we are adapting to that.

With this change, there is also much to celebrate. Part of the retooling includes boosting our alumni coverage by adding fresh content online year-round—not just two times a year—and adding a monthly *Green & White* e-digest in the new year. With this flexibility, we will be able to provide more stories and features along with more information about the campus and our alumni you love dearly. We will still provide well-written and timely articles with engaging artwork that you have come to expect. It will continue. Of course, our yearly print issue will continue to be chock full of informative and entertaining stories and photos.

It will be a transition, we understand that. Change is never easy. But remember, change is not always bad. In this instance, we are confident change is good. It's good for you, our alumni, and it's good for the university.

This is the courageous part of the aforementioned pillar. It's a leap of faith on our part that you will continue to follow your fellow alumni in the online world.

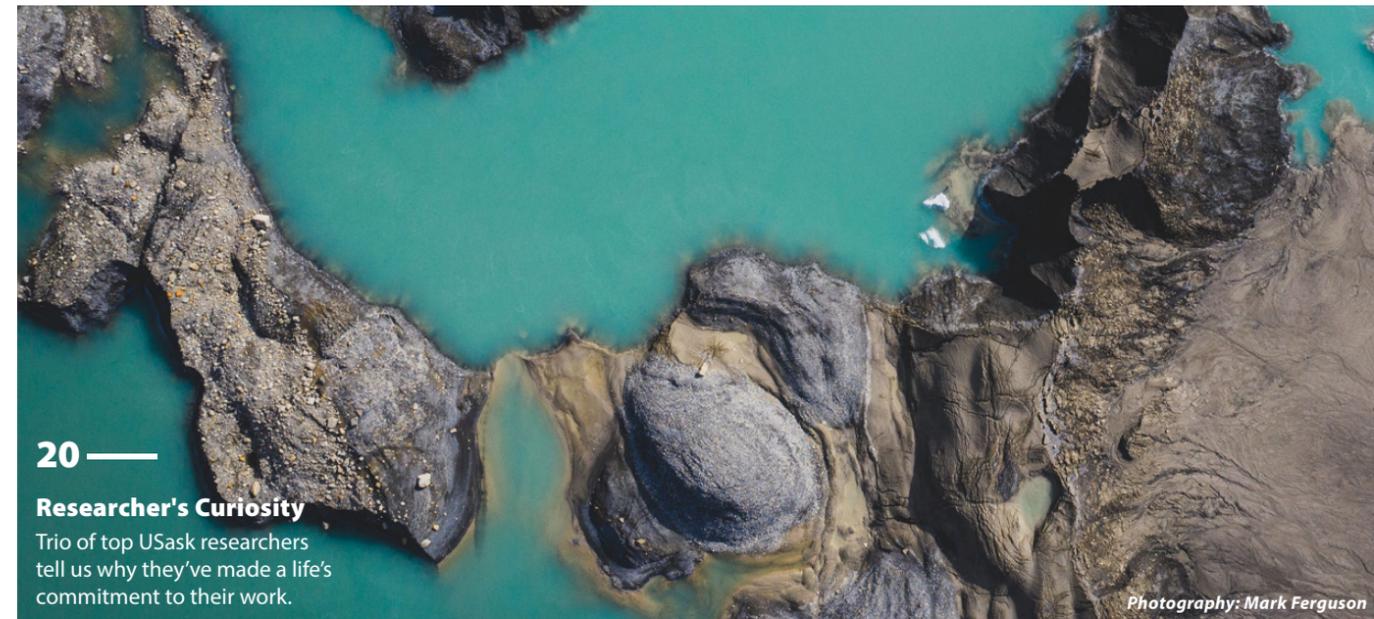
USask alumni are who we want to know about and celebrate, so please call or email. We will always want to tell your story.

John Grainger
Editor (acting)

In every issue

1	From the president	10	Alumni perspective	41	Volunteer highlight
2	Remember when	23	Alumni advice	42	From the Alumni Advisory Board
4	On campus news	25	Alumni mover and shaker	45	Class notes
				50	In memoriam

Features



Photography: Mark Ferguson

20 —
Researcher's Curiosity

Trio of top USask researchers tell us why they've made a life's commitment to their work.

11 —
One year later

An overview of Merlis Belsher Place's first year of operation and how it was a success.

12 —
Where the wild pigs roam

Ruth Aschim (BSc'13) is studying the growing threat of wild pigs on the prairies.

16 —
Exploring new frontiers: All in a day's work

Alumnus Bernice Rahm (BE'97) had no idea her work would be taken to new heights—like outer space!

24 —
A new chapter for a new chancellor

Not many people know their way around the USask campus like Grit McCreath (BE'd'91).

26 —
"I wonder what would happen if I did this?"

Four USask arts alumni embody courageous curiosity.

32 —
Coaching cues

A trio of USask grads have tried to level the playing field for athletes and coaches alike and make it more enjoyable to learn for everyone.

36 —
All in on insulation

Harold Orr (BE'59, MSC'63) has made it his life's mission to make a home better insulated.

38 —
Agriculture grounded in Indigenous communities

Melissa Arcand (PhD'13) knows how important farming and agriculture is for our province's Indigenous people.

40 —
Chief Poundmaker receives an apology

Bill Waiser (MA'76, PhD'83, DLITT'10) witness this historical event firsthand.

By nature, humans are curious. Naturally flowing from that curiosity is our need to be courageous in our lives with the aim of bettering ourselves, those around us and the communities in which we live.



It's essential for a university to have both of these traits. A year ago, when we released our landmark University Plan 2025, one of the three pillars was *Courageous Curiosity*. In order for us to fulfil our mandate, we need to be both. And we are—the world around us demands it.

As we examine this pillar in this issue of *Green & White*, our groundbreaking research, artistic and scholarly work is driven by curiosity.

We are able to look back through our history and bear witness to many examples of courageous curiosity. Consider the contributions of both Hilda Neatby (BA'24, MA'28, LLD'71) and Mabel Timlin (BA'29, LLD'69), two groundbreaking women for whom the theatre in the Arts Building is named. Through her own courage and determination, Neatby rose to become the first woman to head a Canadian university history department, culminating in her selection as one of the first Companions of the Order of Canada.

Timlin's courageous rise to prominence is no less impressive. In the early 1920s, while still working as a secretary on campus, Timlin worked to obtain a BA. She continued her

academic ascension and was the first female social scientist to be elected to the Royal Society of Canada before her retirement in 1959 as professor emeritus in economics.

The artists who are USask alumni and featured in this edition show their courage through their works. To put themselves on display with every piece they produce is the ultimate statement of courage and confidence.

As part of the U15, Canada's group of leading academic research institutions, it's crucial we are seen as a courageous leader in research. Already, we have attracted some of the best and brightest minds to USask and we continue to look for others who want to also lead our collective journey.

For instance, our world-class leading research at the Global Institute for Water Security is a shining example of what the world expects from us. We are ranked No. 1 in water resources research in Canada and are committed to being exactly that: The best.

Other research-intensive centres on campus attracting global attention include the Global Institute for Food Security, the Canadian Light Source, the Vaccine and Infectious Disease Organization-International

Vaccine Centre (VIDO-InterVac), the Crop Development Centre, and the Sylvia Fedoruk Canadian Centre for Nuclear Innovation.

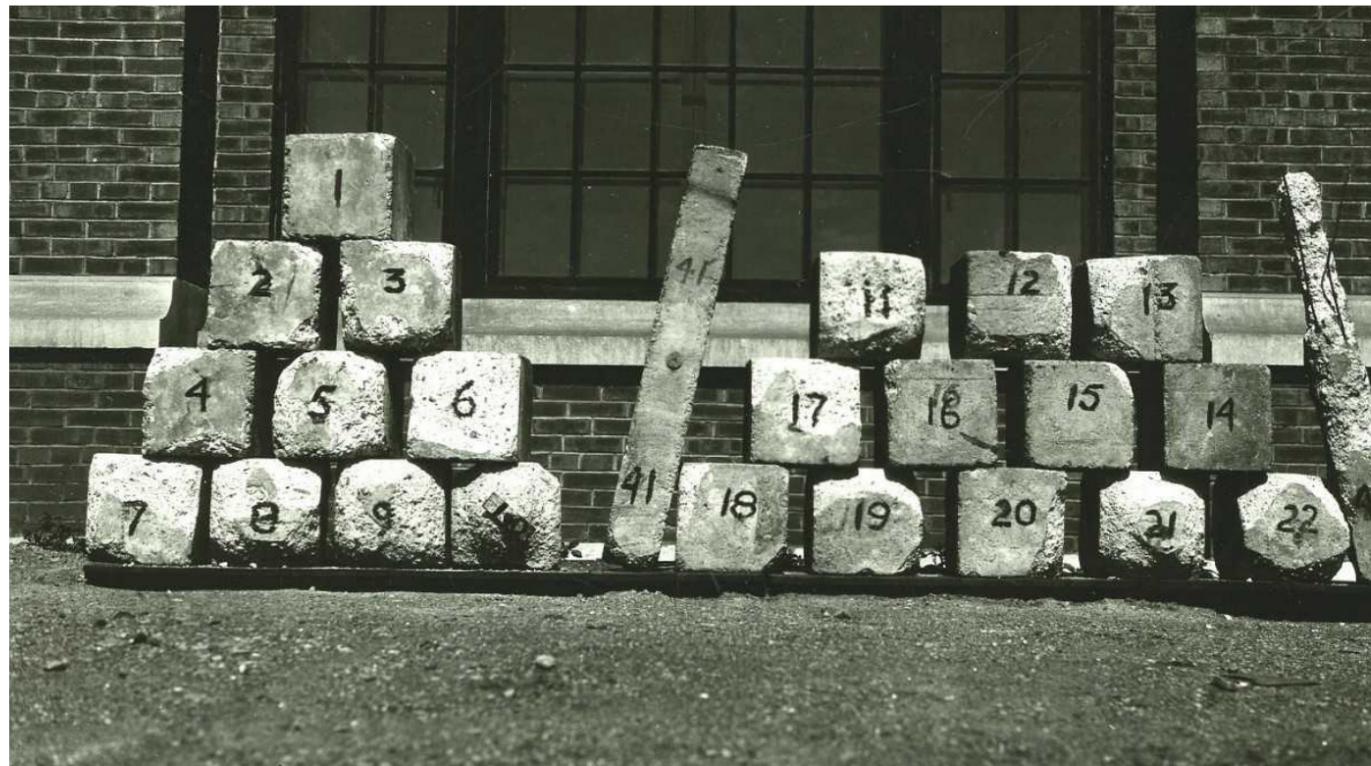
What do all of these centres have in common? Curiosity. It's what makes USask great, and makes USask a destination for faculty and students from around the world.

Our efforts towards reconciliation with Indigenous communities have taken courage from all involved in making our campus inclusive. As a result, we are seeing unprecedented growth in the enrolment of First Nations and Métis students. It's these students who will become the inspiration and leaders in their own communities.

All these initiatives from our university plan take courage. The talented alumni you read about in the *Green & White* are remarkable. We couldn't be more proud of our alumni and I couldn't be more proud to be the president of this courageous institution.

Peter Stoicheff
President and vice-chancellor
uofs.president@usask.ca

A concrete decision: Thorvaldson's research had global implications



Photography: University Archives and Special Collections, A-4756

The above image is of concrete blocks that had been buried for several years. The note on the back of the photo read, "original blocks put in a site 1st Ave - 22-23rd taken out in 1928 when Massey Harris Building put up."

PATRICK HAYES (BA'80, MA'89)
UNIVERSITY ARCHIVES AND SPECIAL COLLECTIONS, UNIVERSITY LIBRARY

In the 1920s, the head of the Department of Chemistry, Thorbergur Thorvaldson, earned an international reputation for his work on Portland cement.

All across Western Canada, public and private structures (bridges, irrigation dams, and building foundations) were crumbling. After conducting a series of tests, it was found that sulphates in the alkaline soil were causing the cement to swell and break down.

Collaborating with a series of graduate students, Thorvaldson was able to develop a formula for cement that was resistant to sulfates.

The research was explained in the 1959 publication *The Department of Chemistry*

University of Saskatchewan—"The basic plan of investigation as outlined in 1920 was to prepare in the pure form the chemical compounds, the silicates, aluminates, etc., which make up the various types of hydraulic cements; to study the physical and chemical properties of the compounds, particularly their behaviour in solutions of the salts commonly found in alkali waters..."

Thorvaldson's findings transformed the manufacture of commercial cement around the world and significantly increased the

durability of concrete structures. Because there was no patent issued with regard to the process, neither Thorvaldson nor the University of Saskatchewan benefited financially.

In the fall of 1966, the Chemistry Building, including a planned addition, was renamed the Thorvaldson Building. The concrete cube on the steps of the building is a monument to his research achievements.

Thorvaldson was born in Hofdoun, in the Blönduhlid district of Skaftordi, Iceland on Aug. 24, 1883. He emigrated to Canada with his parents in 1885, settling near Gimli, Man. Thorvaldson received a BSc (1906) from the University of Manitoba, and both his MSc (1909) and PhD (1911) from Harvard. During the next two years he studied in Dresden,

Germany and at the University of Liverpool in England.

He returned to Harvard for one year as a research associate before joining the University of Saskatchewan as assistant professor of chemistry in 1914. He was named head of the department in 1919, a post he held for 28 years.

In 1946, he was named the first dean of the College of Graduate Studies.

In his annual report for 1952, President W.P. Thompson noted Thorvaldson's "remarkable capacity as a scientist," and praised his contributions.

"Many of the problems solved by his wide knowledge and experimental ability have been directly related to economic

improvement, and the value of his researches could be computed in amounts considerably greater than have been spent on the construction and maintenance of the university during its entire history. He has built up a Department of Chemistry that has carried the fame of the university wherever his students have gone."

Among various honours, Thorvaldson was named a Fellow of the Royal Society (1928) and was awarded its Henry Marshall Tory medal; he was also named to Iceland's Order of the Falcon, Knight's Cross (1939) and Commander Cross (1956).

The university awarded him an honorary degree in 1950. Thorvaldson died in Saskatoon on Oct. 4, 1965. ♥

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Buffalo Circle Campaign connects non-Indigenous allies

Properly and respectfully introducing Indigenous ways of teaching, learning and living into a complex education system steeped in tradition can be an intimidating undertaking.

Staff and faculty often rely heavily on their Indigenous colleagues to help guide the process, according to Dr. Stryker Calvez (MA'08, PhD), manager of Indigenous Education Initiatives in the Gwenna Moss Centre for Teaching and Learning at the University of Saskatchewan.

Calvez, who is Métis from the Red River territory, said Indigenous faculty and staff are often placed in a role of “unofficial knowledge keeper for all things Indigenous,” which is both daunting and time consuming.

“Unfortunately, their engagement in this work is expected because many people are unprepared or uncomfortable with the role of

Indigenous advocate, and default to people who appear to have the ‘right’ cultural experience,” said Calvez.

“Distributing that type of work among Indigenous and non-Indigenous people with different skills, abilities and knowledges would allow Indigenous faculty and staff to focus on what interests them—whether it is to indigenize the university, support their home communities, or be involved in some other aspect of academia.”

To help address these concerns, Calvez and his colleague Dr. Rose Roberts (PhD'06), an education development specialist within Calvez's office, recently launched the Buffalo Circle Campaign. The Buffalo Circle is a group of non-Indigenous senior leadership, staff and faculty at USask who were acknowledged as outstanding allies and were nominated to be part of the circle by Indigenous staff and faculty. Calvez said those who agreed to be part of the circle committed to being visible allies by wearing the Buffalo Circle regalia and to support each other. ♥

Dr. Vicki Holmes: A career of caring

Dr. Vicki Holmes (MD'73) is now retired from her medical career and is taking advantage of her free time by spending it with family, golfing and painting. Although she describes her retirement life as “nothing exceptional,” her 43-year career was just the opposite.

Holmes completed her education at the University of Saskatchewan (USask) in 1973 and then moved to Winnipeg for two years to work at Misericordia Hospital. She and her husband returned to Saskatoon in 1975 and she went into private practice as a family physician.

“The nice thing about family medicine is you can have all these areas that you develop an expertise in, in addition to your basic training that you can pursue and still be within your family medicine area,” said Holmes.

Holmes also was involved with training medical students, residents, nurses, allied health professionals and the public on topics related to women's health, palliative care and menopause. She was involved in different areas of medicine, such as obstetrics, throughout various stages of her career.



But one of Holmes' biggest passions was the Women's Mid-Life Health Program. She worked on this program with Sarah Nixon-Jackie, a superlative nurse. Holmes said that Saskatchewan was missing a resource for mature women's health at that time.

“We were one of the few provinces that didn't have a menopause clinic,” said Holmes. “The goal of the program was to develop the expertise to investigate all of the things that are happening for women at this stage and to become a resource for the other health-care workers and the women in the community.” ♥

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Building the USask brand

USask has been a world-leading university for years. It's time to let the world know about it.

Building on the successful launch of the new university plan to be The University The World Needs, USask senior leaders are taking a fresh new approach to sharing the story of the institution, refreshing and refocusing the USask brand to redefine the perceptions, expectations and reputation of the university.

"I think everyone would agree that USask is not as well known for its strengths and its expertise outside the province as it should be, and this refreshed branding is how we intend to better tell the USask story," said Gord Hunchak, associate vice-president of strategic communications and chief communications officer.

Ranked No.1 in the country and 18th in the world in water research, USask is Canada's only university that has two national research institutes located right on campus, with the Vaccine and Infectious Disease Organization-International Vaccine Centre (VIDO-InterVac), and the Canadian Light Source, featuring the country's only synchrotron.

USask is seen as a leader amongst Canadian universities in our commitments and actions for Reconciliation and Indigenization, a critical role within the province and the country. USask is also experiencing record enrolment, higher student satisfaction scores, and increasing diversity of the student body, faculty and staff, helping make the university one of the best untold stories in the country.

The new brand platform will feature striking, and sometimes unexpected, images and descriptions of the people of USask and their positive impacts on the world, grounded in the compelling call to action of "Be What The World Needs." The unique typography, colours, and shape of the signature campus building signs are utilized as a subtle yet powerful visual connection to the location and roots of the university. The platform will define the look and tone of USask's external advertising, and all of the university's digital channels, internally and externally. The transition to the new platform will roll out gradually over the last half of 2019. ♥



Rita Orji: Breaking down barriers

Computer science and empowering people are two unlikely passions to combine, but that's exactly what Dr. Rita Orji (PhD'14) has done.

Orji came to USask in 2010 to complete her PhD in computer science. Originally from Nigeria, Orji was finishing her master's degree in Turkey when she decided to come to Canada and the main reason she chose USask started during her admissions process.

"I had professors in the department reaching out to me and they kept in communication with me," she said. "For international students who have never been to Canada, any clue to help get at that point could be offered. Because professors reached out to me, I felt more at home, I felt like I had known people at USask compared to other places that offered me admission around the world."

Orji came to USask not completely knowing what the focus of her research would be, but by having those professors reach out and make connections, she knew she would be supported in her work no matter what she chose to do.

"That activated the spirit of innovation me," she said. "I was able to innovate and think without boundaries, explore many possibilities without fear because there were no limitations. I was not afraid of being judged and that actually built me to who I am today."

Orji eventually decided to focus on human computer interactions, specifically looking into persuasive technology. ♥



USask researcher finds her chemistry destiny

She came halfway around the world to work on a global problem, and USask cancer researcher Dr. Elaheh Khozeimeh Sarbisheh (PhD'17) couldn't imagine being in a better place to do it.

"The reason that I decided to leave Iran was during my master's degree I was working on making anti-cancer drugs, but it was difficult to do the research," said Khozeimeh Sarbisheh, who came to Saskatoon from Iran in 2010 to complete her PhD in chemistry at USask. "We receive a really, really good education in Iran, but we don't have the facilities and equipment available for doing the research that we have here. So, I always tell students to appreciate the equipment that they have here, because it is a dream for lots of people around the world to be in this situation."

Nine years after arriving on campus, Khozeimeh Sarbisheh has made Saskatoon her home, settling in with her husband, USask physics professor Dr. Michael Bradley (PhD), and conducting cutting-edge cancer research with the team led by her mentor Dr. Eric Price (PhD), Canada Research Chair in Radiochemistry.

"During my PhD study, I received world-class training for chemistry here under the supervision of Dr. Jens Mueller (PhD) and I knew after finishing my PhD that I wanted to stay at the university," said the 34-year-old Khozeimeh Sarbisheh, who is currently in the process of applying for Canadian citizenship. "I feel like it is my new home because I also met my husband here and we are both working at the university and trying to push the limits to do great scientific research. Personally, I couldn't imagine a better situation. I feel so lucky to be here."

After completing her PhD, it didn't take long for Khozeimeh Sarbisheh to secure a spot to continue her work at USask.

"I was looking to do cancer research and I was lucky that by the time I finished my PhD, they had hired two new professors here in radiochemistry; Dr. Eric Price and Dr. Chris Phenix (PhD)," said Khozeimeh Sarbisheh, a post-doctoral fellow whose work is supported by a grant from the Saskatchewan Health Research Foundation. ♥



Members of the first Western College of Veterinary Medicine (WCVM) class of 1969.

First veterinary class celebrates 50 years

Dr. Ernie Olfert (DVM'69) and Dr. Peter Rempel (DVM'69) were working at a fishing camp at Dore Lake, Sask., in 1965 when they received the letters that would change their lives.

The lifelong friends celebrated their acceptance as members of the first class at the Western College of Veterinary Medicine (WCVM)—the new regional veterinary college for the four western provinces.

Both men had wanted to become veterinarians for years, but admission into Ontario Veterinary College, Canada's only veterinary college at the time, was nearly impossible for western Canadians. Instead, they waited for the new veterinary college to open on the USask campus. That day finally came in 1965 when the WCVM's Doctor of Veterinary Medicine (DVM) program became available to students from across Western Canada.

This spring, members of the WCVM Class of 1969 celebrated the 50th anniversary of their graduation, attending June's USask convocation ceremonies at Merlis Belsher Place and the WCVM awards banquet.

Being part of the WCVM's first class wasn't easy: while the new college was under construction, students had to hustle between classes across campus. The four-year program was also very rigorous, with a lot of hands-on experience.

"In the vet college, if you dawdled at all you were so far behind you couldn't catch up," said Rempel.

WCVM's first veterinary graduates entered a rapidly changing profession.

"If you went into large animal practice, you did a lot of work at the end of a rope. Farmers still expected you to be able to rope and catch that animal, as well as treat it," said Rempel, who went on to work in Unity, Sask. ♥

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"I still remember the day I heard the news that I had received a scholarship. I got goosebumps and it instantly eased my mind. Scholarship support has allowed me to do so much more within the campus community!"

ROBERT DOWNEY, COLLEGE OF KINESIOLOGY

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WITH KENDAL NETMAKER

Netmaker (BA'11, BEd'11) finds success on a road less travelled

TARYN MILTON

For Kendal Netmaker (BA'11, BEd'11), overcoming obstacles has been a big part of his life. He was raised by a single parent and came from a low-income family, but that never stopped him from wanting to reach for more.

"Regardless of where you come from, whatever you've gone through as a kid, you can change it for yourself, for your family and your future. But you have to be the person to make that decision. No one else can make that for you," Netmaker said.

Netmaker continued with this attitude after applying to university. He applied to the University of Saskatchewan (USask), but got rejected his first time around.

"That was my first rejection letter and I talk about it in my talks and people laugh about it because everyone can relate to that in some way, getting rejected from something. After that I got accepted to a college called Keyano College in Fort McMurray, Alta., to play volleyball and go to school," said Netmaker, who moved there from Saskatchewan's Sweetgrass First Nation.

Two years later, he applied to USask for a second time and got in. He was admitted into the education program and after a phone call to the Indian Teacher Education Program (ITEP), the summer before he started he was admitted to that program.

Throughout his time at USask, Netmaker enjoyed his education classes, but also

was interested in doing business plan competitions. And when he graduated in 2011, he decided to pursue one of his businesses. The first failed, but his second, a T-shirt company called Neechie Gear, succeeded.

"A lot of people assume that you get a degree and that's what you're going to do for the rest of your life. It's a programmed mindset that people have and I think anyone who is going to university should have an open mindset. This might be a stepping stone into something different," said Netmaker.

"When I first got into university I never said I'm going to become an entrepreneur. I didn't know what an entrepreneur was—it just wasn't in my mindset. Everything was expanded in university."

Today, Netmaker has had his clothing brand take off and he's made it into a company that gives back to underprivileged kids so that they can play sports. Through Neechie Gear, he also got into keynote speaking and now does that full time.

Netmaker has received numerous accolades and has been named one of the entrepreneurs of the year. He was the only Saskatchewan person named in Canada's Top 40 Under 40 this year.

Looking to the future, Netmaker has numerous speaking engagements coming up this fall and is launching an audible program called The Leader Within. ▀

"Anyone who is going to university should have an open mindset. This might be a stepping stone into something different."

KENDAL NETMAKER (BA'11, BEd'11)

Merlis Belsher Place's first year of operation a success



Photography: David Stobbe

JAMES SHEWAGA

Merlis Belsher Place officially opened to rave reviews on Oct. 1, 2018, the start of a successful first season in the University of Saskatchewan's state-of-the-art new multi-sport complex, a project designed to bring the campus and the Saskatoon community together.

The new \$51-million multi-sport facility—featuring two full-sized ice surfaces, two full-sized basketball courts and the visionary Ron and Jane Graham Sport Science and Health Centre—was officially christened by local minor hockey teams, which took to the ice for the first time in the new building Oct. 1. The Huskie hockey teams followed shortly after with their first games in the main arena, as the women's hockey squad made its home debut on Oct. 5, followed by the men's team playing there for the first time on Oct. 12.

The main arena has seating for 2,367 people and can provide an additional 1,000 seats if necessary.

Throughout the course of the first season, local minor hockey teams enjoyed more than 1,600 hours of much-needed ice time in the Merlis Belsher Community Rink, exceeding the projected 1,500 hours of ice time annually earmarked for minor sports. In addition to minor hockey, local figure skating, speedskating and sledge hockey clubs used the new facility, along with gym and ice time dedicated to campus recreation activities.

Merlis Belsher Place is also home to two Saskatoon midget hockey teams, the Contacts and the Stars. The double basketball courts in the Ron and Jane Graham Gymnasium are now the main practice facility for the Huskie basketball teams, with the new Saskatchewan Rattlers professional basketball team also booking the facility for training camp and practices.

Spring brought another flood of major activity to the 120,000-square-foot complex, with the campus and the city basking in the national and international media spotlight as Merlis Belsher Place played host to the prestigious Grand Slam of Curling Pinty's Champions Cup from April 23-28, 2019, featuring nine former world championship teams from eight countries.

Merlis Belsher Place—named in honour of USask alumnus Merlis Belsher, whose historic \$12.25-million donation kickstarted the project and was supported by \$6 million in funding from the Grahams—also became the new site for the university's annual Graduation Powwow on May 31, as Indigenous students and supporters from across the province flocked to the facility for cultural celebration of student achievement. The powwow was followed by USask's annual Spring Convocation, as graduation ceremonies returned to campus for the first time in 50 years and were held at Merlis Belsher Place from June 3-7.

As he eagerly watched the first year of operation, Belsher said feedback has been tremendous.

"I have received many comments from visitors saying they find it beautiful, warm and inviting," he said. "The positive remarks from people in the community are so meaningful."

Belsher said there are many people who deserve credit for helping the facility come to fruition.

"As I reflect back to 2015 when I first became involved, it comes to mind there are so many people and groups such as the Alumni Home Ice team that deserve credit for what we have today. I could prepare a very long list of those who were enthusiastic and provided unbelievable support."

Meanwhile, the Ron and Jane Graham Sport Science and Health Centre, which opened May 3, now supports Huskie student-athletes as well as community members, with training and rehabilitation. The new centre will also lead research into injury prevention, nutrition and conditioning, and performance and recovery, as well as offer a range of physiological, biomechanical and psychological performance assessments and sport psychology coaching for Huskies team members, as well as other athletes from across the city and around Saskatchewan. ▀

A woman with blonde hair, wearing a green button-down shirt and blue jeans, stands in a lush green forest. She is looking upwards and to the right. The forest is filled with tall trees and dense foliage. The text 'Where the wild pigs roam' is overlaid on the image in large white letters.

Where the wild pigs roam

In 2013, Ruth Aschim—along with 99.9 per cent of the population—was unaware wild pigs were roaming rural Canada.

 JOANNE PAULSON (BA'82)

Today, the USask doctoral candidate is an expert on the animals, where they thrive and the destruction they can cause.

Her interest in wildlife emerged early in her academic career. Taking a Renewable Resource Management degree in the College of Agriculture and Bioresources (BSc'13), Aschim spent the summers working field jobs in biology, including a stint rescuing the nests of piping plovers.

But landing a wildlife research position at a university is no easy task, she explained.

"Wildlife research is expensive; you're using GPS collars and aerial surveys and things like that. A lot of people are interested in it, so it was hard to find a program that would take me."

Among the academics she approached was Associate Professor Ryan Brook, whom she'd heard about as an undergrad.

"Ryan was the only person who didn't say no to me," Aschim said. "He said 'maybe; we'll see.' I just kept bugging him and bugging him. Then he said 'OK, I finally got funding for wild pigs.' I didn't even know we had wild pigs. I wasn't interested in wild pigs.

"So I said sure, why not? And it's really taken off from there."



Wild pigs are seen roaming in various areas across Saskatchewan.

Photography: Klint Brownridge

Taken off, indeed. Aschim's ground-breaking research has become a popular media topic and attracted interest from as far away as the United States, where wild pigs have long been a serious problem. In fact, most of the project's funding comes from the U.S. Department of Agriculture's National Feral Swine Task Force.

"I started it as a master's and flipped it to a PhD just to continue with the research," she said. "It's novel research in Canada. We only got wild pigs in the late 1980s; they were a farm species, and they weren't on the landscape until the '90s. No one has done research on them in Canada whatsoever.

"Now, with African Swine Fever, there's a bit more of a push to really look at wild pigs because there's a potential for them to have that disease," she said.

The wild pig problem emerged from livestock producers' desire to diversify their herds for export markets. The boars proved more difficult to manage than expected. They rooted under and jumped over fences, while producers also simply opened the gates and let them go. Many

thought they would not survive in the wild.

They were wrong. And although there are large numbers of them, they're not easy to find.

"Because we're looking at a nocturnal species, an elusive species ... we couldn't use aerial surveys, the conventional wildlife monitoring technique, because we didn't even know where they were. How were we going to go looking for them?"

"I did all my data collection through social science techniques. I spoke with stakeholders and wildlife professionals. I would travel around Saskatchewan going to wildlife-related meetings or events or fundraisers, giving presentations and just talking to people.

"Then I spent three months living out of my vehicle (in summer 2015) and I camped across Western Canada, talking to conservation officers and biologists."

Her research was also aided by a telephone survey of 3,000 calls across rural Canada, conducted by USask's Social Sciences Research Laboratories.



Photography: Klint Brownridge (top photos), Dan Sakal (bottom photo)

Results showed that wild pigs are the most widespread in Manitoba, Saskatchewan and Alberta; smaller populations exist in B.C., Ontario and Quebec. But despite all the research, it's still impossible to say how many wild pigs are out there.

However, Aschim's recent paper shows their range expansion from 1990 to 2017 increased by an average 40,000 square kilometres per year. From 2011 to 2017, the average increase was 80,000 sq. km per year.

But why does establishing the numbers and habitats of wild pigs matter?

"Disease is a huge concern with wild pigs," Aschim said. "They're reservoirs of not only African Swine Fever, but 39 other viral and bacterial diseases, as well as parasites. They can be transmitted to domestic livestock, wildlife, and humans.

"Then we have environmental issues, which are huge with wild pigs. One of the main problems is the rooting behaviour; they upturn the soil because they like to eat the roots and tubers of vegetation. It's

essentially like a rototiller went through an area."

Bare soil is open to weeds, erosion and nutrient cycle disturbance, as well as a loss of biodiversity, she said.

Another concern is water quality. Wild pigs wallow in wetlands, causing bank slumping, erosion, water sedimentation and—because of defecation and urination—algae growth and disease transmission.

Economic issues include crop damage, valued as high as \$800 million annually in the United States.

"It's not a large concern to (Canadian) producers at this point, but give it 10 years, maybe five," Aschim said.

Furthermore, one would not want to surprise a boar. They're not aggressive unless threatened, but their four sharp tusks—the top tusks sharpen the bottom ones—can slash someone quite seriously.

Considering the many problems created by wild pigs, Aschim is often asked how she feels about her research subjects.

"I don't like them," she tells her questioners, "but I respect them." ♥



**EXPLORING
NEW FRONTIERS:
ALL IN A
DAY'S WORK**

BEVERLY FAST

When Bernice Rahm (BE'97) looks at the night sky in search of Mars, it gets personal for her.

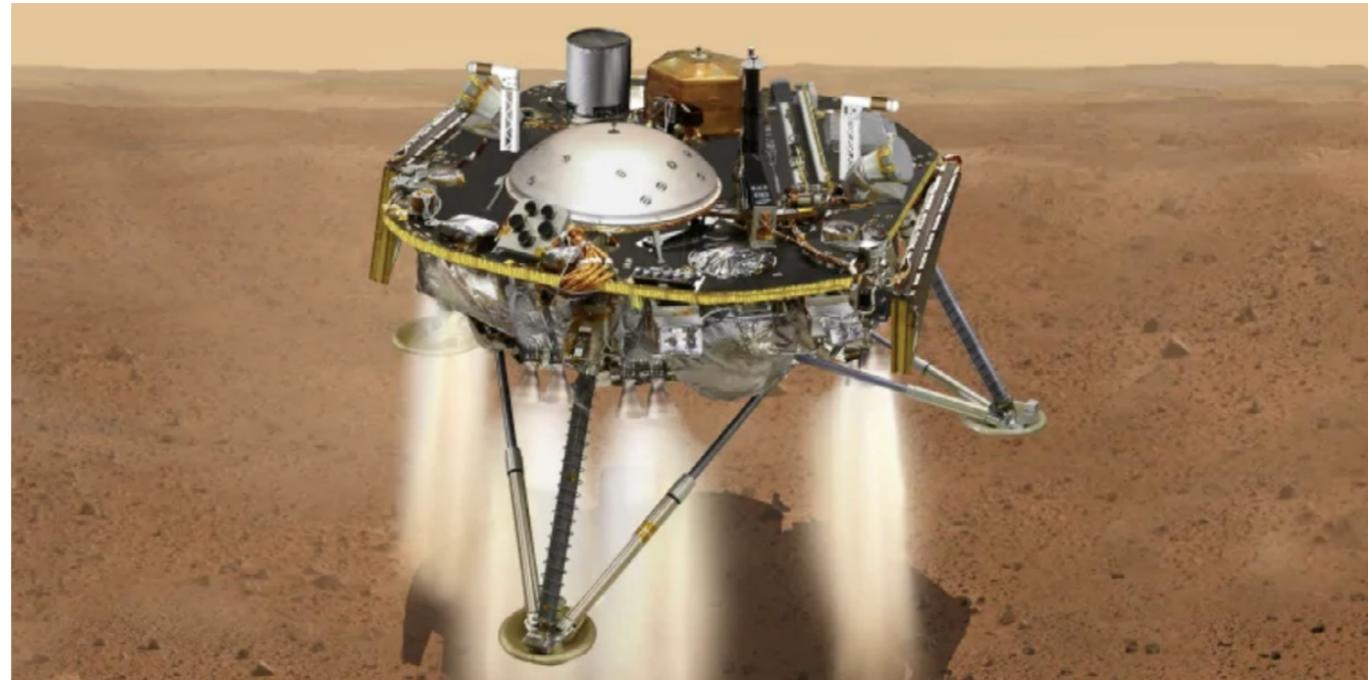
Rahm is co-founder and CEO of The Ring Lord, a chainmail company that started as a hobby in 1995 and has since grown into a surprising success story that has taken her around our planet Earth, but also to the heavens surrounding us.

Who knew NASA needed a chainmail skirt for its Mars InSight lander? Or that a Saskatoon-based company run by University of Saskatchewan-trained engineers would produce the chainmail? Or make chainmail to protect Middle Earth's elven warriors in the Battle of the Five Armies?

The surprise isn't that Rahm made the company a success, or that a startup was able to find its niche market—it's that such a market exists at all.

The Ring Lord's products can be seen in *The Hobbit* movies, as well as *Warcraft: The Beginning*, *Suicide Squad*, *The Great Wall*, *Transformers: The Last Knight*, *Kingdom of Heaven* and more.

Although high profile, these clients are not the company's bread and butter—it's chainmail scales are used in everything from lab equipment to lampshades. Still, it's astounding that this little-known Saskatoon startup is helping protect a vital piece of space exploration equipment. On Mars.



An illustration showing a simulated view of NASA's InSight lander about to land on the surface of Mars.
 Photography: supplied by NASA Insight



This photo shows the protective skirt hanging down from the InSight lander, put together with chainmail scales manufactured by Saskatoon company The Ring Lord.
 Photography: supplied by NASA Insight



Photography: Liam Richards

“I realized I was managing things too tightly. So, I invested a huge amount of time in my personal emotional development, and I put that growth back into the company.”

BERNICE RAHM (BE '97)

“It’s pretty amazing,” said Rahm. “It’s impossible for something like that to sink in.”

Rahm notes that while The Ring Lord made the scales, their spin off company, MailleTec Industries, made the actual skirt.

So, how does a small-town girl from Wilkie, Sask, end up running a company that’s making chainmail for clients from Mars to Middle Earth?

“I’ve always had strong intentions and goals,” Rahm said. “I was the first person in my family to go to university, and I was always focused on getting to the next place.”

When she enrolled in the College of Engineering, her focus was a career in architecture. An engineering degree was the means to the end; she planned to get her degree and then go to architecture school. By the time Rahm was ready to shift from engineering to architecture, The Ring Lord had taken off.

“I either had to quit The Ring Lord and pursue my original goal or stay and fulfil my goals through a different path,” Rahm said.

Realizing she already owned a successful business and was empowering creativity helped Rahm make the decision to stay. From its official launch in 2000 to 2018, when she formally took over as CEO, her drive and energy fuelled the company’s growth.

Rahm was a regional finalist in the 2017 EY Entrepreneur of the Year award, one of only three women in a field of 32 companies and 49 finalists.

“I was all drive and hard edges in the beginning,” she said. “We experienced 20 per cent annual growth for 10 consecutive years. The only way I knew at the time to handle that pace is with blinders on, head down and driving forward.”

She sees this ability as part of her masculine skill set. It took major life changes, including the loss of her mother to cancer, and a divorce, to prompt Rahm to slow down and take stock. That’s when she began folding in more of her feminine skill set, including her creativity and fluidity.

“My own personal growth has been a driving factor in my business growth these last few years,” Rahm said. “I realized I was managing things too tightly, because it’s always been easier for me to do everything rather than rely on others. So, I invested a huge amount of time in my personal emotional development, and I put that growth back into the company. I went from doing to delegating to empowering, and now I just mentor my COO and general manager.

“This process created space in my life to explore other things,” Rahm added. “I promised myself that when I quit pursuing architecture, I’d use my skills for myself. It’s taken a while, but I’m doing that now.”

Rahm has started sculpting again, something she fell in love with in high school. She’s rebuilt her acreage to create a beautiful oasis for herself. She’s also offering her services as a trained personal and business mentor.

“I’ve learned a lot in my 20-plus years of business. I’ve had several different businesses, so I know the beginning, middle and end of the cycle. I want to share what I’ve learned.

“Self-awareness is a ridiculously powerful thing. It’s like switching a light on in a dark room. Once you have light, you can make informed choices.”

A Researcher's Curiosity

HENRY-TYE GLAZEBROOK

The *Green & White* asked three top USask researchers to recall that special eureka moment when they knew where their career path was taking them.



“It was very cold, with a little bit of ice in the water. I couldn’t help but think of how great it would be to research these cold waters and to understand them more fully.”

**JOHN POMEROY
(BSc’83, PhD’88)**

John Pomeroy

When John Pomeroy (BSc’83, PhD’88) realized he would be excited to spend the bulk of his professional career switching back and forth between instructing students and conducting research, he was just about as far away from a classroom setting as he could possibly have been.

“The eureka moment—and I remember this very clearly—happened when, on a USask geography department field trip, we were staying in a youth hostel and I’d just seen the glaciers and the Rocky Mountains for the first time,” said Pomeroy, director of Global Water Futures at USask, Canada Research Chair in Water Resources and Climate Change, as well as director of the Centre for Hydrology.

“I went down to the Bow River and washed my face in the morning. It was very cold, with a little bit of ice in the water. I couldn’t help but think of how great it would be to research these cold waters and to understand them more fully.

“I knew right then and there that I really wanted to do that.”

That moment was 40 years ago, but the sheer breadth of potential knowledge and awe that the Earth’s splendor inspired in Pomeroy has remained with him ever since.

“The natural beauty of that environment was remarkable, of course, but there were all these other things going on that drew me in—the glaciers being fed by snow, the snow melting in the high alpine, the meltwaters being stored in these cold mountain lakes and then flowing out to the Prairies through the Saskatchewan River system,” he said.

“I’d just learned about all this from my professors, and we’d actually crawled up inside the Saskatchewan glacier through an ice cave. These were all such incredible experiences, and I just thought, wow, there’s so much to learn here and so much that we need to know. It has been a privilege to conduct this research and to teach students at USask and now that we are in a climate crisis it is of fundamental importance to our future water supply.”



Jay Famiglietti

The decision to chase academia as a lifelong passion was one which Jay Famiglietti, executive director of the University of Saskatchewan's Global Institute for Water Security, built on the back of countless other smaller choices.

Perhaps the most decisive of those moments came when he was a fresh-faced recent graduate looking for work in Houston, Texas.

"I wasn't getting any jobs—and this was pre-internet, so I was making phone calls and using the yellow pages," said Famiglietti, who today holds the Canada 150 Research Chair in Hydrology and Remote Sensing.

"I had a lot of time to think about what I wanted to do, and I realized then that I really wanted to do something in Earth science."

It was another of these moments, however, that would put Famiglietti on the path toward professorships at both the University of California, Irvine, and at the University of Texas at Austin, a senior position at the NASA Jet Propulsion Laboratory at the California Institute of Technology, and eventually to his current home in Saskatoon.

What seemed like a standard field course with the University of Michigan, a relatively short eight-week trip that began its journey in Ann Arbor, Mich., and rolled through to Jackson Hole, Wyo., would turn out to spark his imagination.

"Driving across the country and watching the landscape unfold, pulling into Jackson and seeing the Tetons—it's such a young mountain range and so angular and tall and

"We're all going to have bad luck. If you get all yours done in the first three months of your program, then maybe the rest will go easier. Don't quit!"

MAUD FERRARI (PHD'09)



stark," he said. "The whole western U.S. thing really got me. The Rocky Mountain West just kind of took over.

"I wouldn't necessarily say it was a eureka moment, but that was probably the turning point for me in terms of thinking about it as something I would end up doing."

Maud Ferrari

For Maud Ferrari (PhD'09), associate professor with USask Department of Veterinary Biomedical Sciences, the moment she knew she would pursue academia as a career lines up nearly perfectly with the moment she was closest to walking away forever.

She recalls a failed experiment during her graduate studies at USask, in which she was raising fish that would eventually provide pivotal research data. She had arrived at her lab one day to discover that, unbeknownst to her, each and every one of her animal subjects had died overnight.

"I called my undergrad advisor in Montreal and said, 'I'm going to quit. This grad school thing is just a mistake. I killed my fish and I can't get more fish. The tanks are broken. Everything that could go wrong, did go wrong,'" she said.

"He told me this story, how his own masters' was two years of raising fish just to kill them and analyze the brain. A year and a half in, he showed up and they were all dead. He said, 'We're all going to have bad luck. If you get all yours done in the first three months of your program, then maybe the rest will go easier. Don't quit.'"

It was those words that made her fully realize that, whatever challenges may spring up, she could overcome those obstacles and achieve her goals.

"I never looked back after that—it was just forward, forward, forward, forward," she said.

"I persevered." ♥



If you're looking for ways to keep your kids active and healthy, Erlandson has five tips:

1. Be active together

Parents shouldn't sit on the sidelines. Make physical activity a fun family event.

2. Start early

Habits formed early can last a lifetime.

3. Keep play fun

Children won't do something they don't enjoy. Don't focus on rules, just encourage movement.

4. Turn off the TV

The American Academy of Pediatrics recommends that children get no more than one to two hours of screen time a day (including TV, internet and video games).

5. Be a role model

Children who regularly see their parents being active are more likely to do so themselves.

TARYN MILTON

Marta Erlandson (BSKI'05, MSC'07, PhD'11) lived an active life growing up and was always interested in physical activity, but really found her passion during a growth and development class during her undergraduate degree at USask.

Erlandson learned about the effects of physical activity and of physical inactivity, especially in kids.

"What we're seeing now is a lot of sedentary behaviour and a lot of physical inactivity. What I'm interested in is how that impacts not only their health now, but as they move forward what effect is that going to have on them as they age?"

Erlandson is currently an assistant professor in the College of Kinesiology at USask and is working on two main projects in the area of children's health, as well as teaching three classes at the college.

One study she is working on involves children with congenital heart disease. The Children's Healthy Heart Monitoring Program of Saskatchewan (CHAMPS) is working with children to learn about their overall health and provide them with a chronic disease management program.

WITH
MARTA ERLANDSON



"If an adult has a heart attack, they're sent to cardiac rehab and they learn how to manage their new condition. Our kids who have congenital heart disease are basically sent out with no information on how to be physically active, what activities are safe, what foods they're supposed to watch dietary-wise. So there's no chronic disease management programs for them," said Erlandson.

Erlandson is also working with children in schools to improve physical literacy.

"Just as you need to gain skills so you can read, write and do math, you need to gain skills so you can be physically active. This means not only developing the competence (learning how to run, jump, throw, kick and dribble) but also gaining confidence so you have the self-confidence and the motivation to continue to be active throughout life."

These skills and motivation to stay active are a major factor in keeping kids active into adulthood, as a child who is inactive will very likely be an inactive adult.

Erlandson said this is a big issue right now especially in Canada. In the last ParticipACTION report card, Canada received a D-minus in physical activity and an F in sedentary behaviour.

"The current generation that's growing up is the first generation that has a shorter life expectancy than their parents do," said Erlandson. ♥

A NEW CHAPTER FOR A NEW CHANCELLOR

Q&A with Grit McCreath

✍ KRIS FOSTER



From spending Sundays on campus with her parents as a youngster, to being a student and alumna, to being a member of the University Senate and the Board of Governors, to the inaugural honorary ambassador, Grit McCreath (BE'd'91) has held many roles at USask. On July 1, a new chapter of McCreath's USask story began when she stepped into the role of chancellor—taking over from Roy Romanow (BA'60, LLB'64), who was named to the position in 2016.

Following the April 27 announcement of her three-year appointment, we sat down with our new chancellor.

Green & White (G&W): When you found out you were being appointed chancellor, what was your first thought?

Grit McCreath (GM): I was at the Khalifa tower in Dubai with my husband Scott when President Peter Stoicheff texted me the news. I couldn't believe it. I literally screamed "This is unbelievable!" I was over the moon. I am so humbled when thinking about those who preceded me in this role—Roy Romanow, Blaine Favel, Tom Molloy and Vera Pezer—and I hope I can meet the high standard they have set. Being selected is just the biggest honour.

G&W: What interested you in taking on the role of chancellor?

GM: There is really no downside to this. I was thrilled to take on the role. I love telling the USask story. I'm a cheerleader, I get to talk about all the amazing things happening here. I could talk for days, there are stories

in every single college and school. I get to hand out degrees at convocation; what a great privilege. And then you look at the remarkable people I get to work with. I have tremendous respect for so many at USask.

I am immensely grateful to be at this university at this time. We are one of the top 15 universities of 96 universities in Canada. That is phenomenal. How could you not be excited about this? It's a dream job. For this particular chapter the stars aligned. I want to make it fun, I am at the age when I am not doing anything if it isn't fun. This seems like a natural next step—I don't know how to knit!

G&W: What's the story of the first time you set foot on campus?

GM: I don't remember it exactly, but I remember the time. My parents were academics from Europe who came to a new country with a new language, and had to pursue post-secondary education again. As a very young child I sat outside of their classrooms reading and waiting for them. I was a campus mouse. I knew my way around all the nooks and crannies. USask was central to my life growing up. On weekends we had family picnics on campus or would go to museums, concerts and sporting events.

G&W: What do you hope to accomplish in the position?

GM: I think every chancellor has a focus. With Roy Romanow it was building those political connections nationally. Blaine Favel helped make USask a leader in reconciliation

in Canada. For Vera Pezer, I think, she really focused on Huskies Athletics. She was the biggest fan.

For me, and I know this will evolve, I think I will bring it to students. I think that suits my style as a life-long educator. Something around the student experience. Make sure they are healthy, happy and involved.

When I was on the Board of Governors, whenever we were discussing spending money, my filter was always to ask: How are students going to benefit? It is pretty easy to make that the centre of your purpose.

Another focus for me would be to build on the strong relationships we already have with the provincial government and encourage them to continue to provide adequate funding so that there is clarity on the power of prosperity that will prevail if we educate and retain.

G&W: Favourite spot on campus?

GM: The Bowl. I mean, how could that not be anyone's favourite place on campus?

G&W: Have you ever thrown an airplane in the Airplane Room in Thorvaldson?

GM: (laughing) Not yet! I will have to do that.

G&W: Favourite meal?

GM: Turkey dinner. It's a boring answer, but I love it. I also love cooking it and hope I get the chance to thank my nominators and Senate with a big dinner some day!

G&W: What is one thing you tell people about USask who aren't familiar with the university?

GM: It is the most beautiful campus in Canada. You have to come see it. Once you're there, you will see we are becoming the university the world needs through our research, our students and our 158,000 alumni. Everyone is contributing to education and world class research. We are creating broad-minded thinkers and problem solvers. The USask community is humble, hard-working and generous, there's nothing like it.

G&W: Is there a saying you live by?

GM: In every classroom or office I've had, I always have the words "carpe diem" visible and prominent. Enjoy every single day, every day should be a celebration and I am excited to do that as chancellor. ■



✍ TARYN MILTON

Carrie Lambden's (BSNT'08) passion for nutrition came from two sources: her grandma and from being an athlete.

"My grandma actually used to be the dean of home economics at the university the last year it ended, before it went into nutrition," said Lambden.

Along with her grandma being big into nutrition, Lambden was a member of the Huskie women's volleyball team at USask, which kept nutrition top of mind for her.

With her focus on nutrition, a career as a dietitian seemed like a perfect fit for Lambden, who really enjoyed the flexibility of the field, one in which she wasn't stuck in a hospital, behind a desk or counter.

Lambden moved to Prince Albert after she graduated in 2008 and started work as a primary care dietitian where she did prenatal nutrition, chronic disease management and contract work for the Saskatchewan Penitentiary.

"I worked a lot with the inmates who needed nutrition counselling on things like diabetes, HIV or hepatitis C. I also worked with the food services department to ensure that the menu they were providing was meeting the industry standards," said Lambden. "It was actually really interesting."

Lambden then moved to the Saskatoon Tribal Council (STC) and was a community

dietitian. She was able to work in communities, create food service menu planning with schools and daycares, and work with families, as well as on chronic disease management.

"I really loved being a community dietitian at STC because there was so much flexibility," said Lambden. "You're kind of a jack of all trades. I also really enjoyed working with Indigenous communities and learning about the First Nations culture."

Lambden's most recent career change came this past March when she took the position of contact co-ordinator for Eat Well Saskatchewan, a free provincial service that makes dietitian services accessible to all areas of Saskatchewan. It's funded through Indigenous Services Canada and partnered with USask.

"Basically my job is to run the whole thing. So start it up, run the program, make it successful. I'm in charge of doing all the advertising, promotion, co-ordinating it all. I'm the one on the phone answering the questions, doing the evaluations, pretty much everything," said Lambden.

People across Saskatchewan can call the toll free number to ask nutrition questions. Lambden also works at promoting nutrition facts through social media.

"I think that's the most frustrating thing about being a dietitian is that everyone is a nutrition expert. Registered dietitian is a protected term, but nutritionist isn't. So you're constantly debunking nutrition myths

ALUMNI MOVER AND SHAKER

WITH
**CARRIE
LAMB DEN**



"Registered dietitian is a protected term, but nutritionist isn't. So you're constantly debunking nutrition myths that are often very harmful."

CARRIE LAMB DEN (BSNT'08)

that are often very harmful," said Lambden.

"There's so much misinformation out there, so this service is really important because nutrition is a science and registered dietitian is an evidence-based practice. So when people call and ask for nutrition advice, we're only going to give them information that's based on evidence."

Lambden said she's received hundreds of questions on the line since it started, covering a wide variety of topics. She's really enjoying this new career path so far and is excited to see where the program could go in the future. ■

Call 1-833-966-5541
or email eatwell@usask.ca
(Monday to Thursday 10 am – 4 pm)



**“I WONDER
WHAT WOULD
HAPPEN IF I
DID THIS?”**

USask art alumni embody courageous curiosity

SHANNON BOKLASCHUK (BA'00, MPA'14)

Whether he's designing an app for an augmented reality project or creating a “hugging robot,” Andrei Feheregyhazi's curiosity takes his artistic practice to new and exciting places.

“My curiosity about exploring what is possible with a new art form always overcomes my fears about pursuing it,” said Feheregyhazi (BFA'03, MFA'17). “Fears like ‘I've never done anything like this before,’ ‘I'll be starting at square one again,’ and ‘this seems really hard’ always fall like dominoes before the mighty force of ‘I wonder what would happen if I did this?’”

Feheregyhazi, a Saskatoon artist who studied in the Department of Art and Art History in the College of Arts and Science at the University of Saskatchewan (USask), has been praised for his recent work that fuses art and science.

Earlier this year, he developed a room-scale augmented reality installation at Saskatoon's PAVED Arts gallery. Augmented reality digitally enhances the real world—Pokémon Go and Snapchat filters are examples—and Feheregyhazi wanted to incorporate the technology into his art. As a result, his PAVED Arts creations enabled viewers to walk through animated 3D spaces and immerse themselves in his work in new and interesting ways.

To promote his project, Feheregyhazi created colourful artwork on hand-printed cards. To augment the cards, viewers downloaded the BrellaBot AR app—which Feheregyhazi also created—from Apple's app store or the Google Play store. Once the app was downloaded and started, a smartphone camera pointed at the front of the cards brought a tree image to life in 3D.

For Feheregyhazi, who previously worked in animation, film, painting, sculpture and drawing, augmented reality presented new challenges. He admits he “didn't know the first thing about creating an app, or even programming” when he began. He also worried that even if he did figure it out, “what if the work was just no good?”

"I like the idea of having the art meet people in their space, rather than expecting people to go to the art's space. I believe art is a public service and should be accessible to the public."

ANDREI FEHEREGYHAZI (BFA'03, MFA'17)



Photography: David Stobbe

"But, there was that ever-present voice in my head: 'Imagine what would be possible if it does work,'" he said.

Feheregyhazi was surprised to find out how easy it was to learn the basics of creating an app to implement augmented reality.

"There are some very smart people making things easier, so artists like myself can focus on actually creating art," he said. "On top of that, augmented reality utilized all the different skills I had acquired over two decades of constantly trying new things and merged them into a single art form with so many possibilities. It's as if I was training to create work with augmented reality the whole time."

In addition to themes of technology, Feheregyhazi's art addresses the individual, solitude, exploration and place. For example, a past show he created, centred on a pedal-powered hugging robot, touched on many of these concepts.

Feheregyhazi credits his USask education with feeding his curiosity; in the College of Arts and Science, classes such as philosophy, religious studies and political studies gave him an opportunity to explore different viewpoints and new ways of thinking.

"When I wanted to build the Hugomatic—a hugging robot—(USask) provided a robotics club that I could join and learn new things

outside of my curriculum and artistic practice. Certain professors in the art department constantly encouraged and pushed my explorative tendencies during both my undergrad and my master's (degrees)," he said.

"There were even a couple of professors who let me make documentaries instead of writing essays—which turned out to be a lot more work. I would say there's a good chance that without (USask), I would be more risk averse and, as a result, much less curious."

If you're a fan of Feheregyhazi's artwork, there's good news: You can now wear it. Feheregyhazi has designed prints and T-shirts under the BrellaBot name and has plans to create a broader range of augmented reality clothing and prints in the future. He also wants to bring his augmented reality artwork to the public sphere through pieces such as murals.

"I love transforming space, and augmented reality offers a non-destructive way to drastically change a city, office, library or any number of spaces ... I'm excited to see what is possible," he said. "Also, since it's in the public, everyone who moves past it can't help but see it. I like the idea of having the art meet people in their space, rather than expecting people to go to the art's space. I believe art is a public service and should be accessible to the public."



Photography: David Stobbe

Like Feheregyhazi, renowned artist Ruth Cuthand (BFA'83, MFA'92) is another USask graduate whose creativity is encouraging people to look at things in new ways.

Cuthand uses her work to explore social, environmental and historical issues such as contaminated water and living conditions on First Nations, disease, colonialism, and relations between Indigenous and non-Indigenous people.

Cuthand, who was born in 1954 in Prince Albert, Sask., and is of Plains Cree, Scottish and Irish ancestry, decided to become an artist at the age of eight when she met artist Gerald Tailfeathers. Her first art materials included the 18-inch squares of orange paper that were thrown out in the processing of the Polaroid chest X-rays that she and other students received during routine tuberculosis screenings.

Over the decades that have followed, Cuthand has built up a large body of work in a wide variety of media, including drawing, painting, photography, sculpture and video. In 2013, she was awarded a Saskatchewan Lieutenant Governor's Arts Award. In 2016, she was recognized as one of the College of Arts and Science's Alumni of Influence.

While Cuthand has received much acclaim at home and internationally—for instance, her art was the focus of an exhibition at Remai Modern earlier this year—it wasn't always easy for her to focus on her artwork and to find time for herself.

"For me it was a really long road," she said. "I was a single mom with two kids ... I had to work and try and make art and raise a family at the same time, so a lot of the work was slow."

Cuthand changed mediums throughout her career as she tried to figure out a way for art to fit into her life. Now that her children are adults, she feels her art career has "really regenerated." Remai Modern, for example, has described Cuthand as "one of Saskatchewan's leading artists."

"It's given me time to do things like bead, which is time consuming," said Cuthand, who is known for creating intricate beaded images of disease, such as small pox, cholera and tuberculosis, which reference colonization and trading, and their impact on Indigenous people.

Cuthand, who lives in Saskatoon, is now inspiring future artists on the USask campus, where she is an artist-in-residence as part of a new University of Saskatchewan Art Galleries program. She has been introducing students, alumni, faculty, staff and others to beading through informal drop-in lessons in various USask buildings for more than a year.

"People are now willing to talk about certain things regarding Indigenous cultural revitalization. I think it's also a bit of timing, more support for Indigenous artists and luck—but also perseverance, not giving up."

JOI T. ARCAND (BFA'06)



Photography: submitted by artist

USask alumna Joi T. Arcand (BFA'06) is one of Cuthand's many fans, describing her as a contemporary artist who has "paved the way for people like me to come up."

Arcand, who was raised on Muskeg Lake Cree Nation in central Saskatchewan, has been lauded for her diverse artwork that celebrates Indigenous cultures and challenges the way language is privileged.

In 2018, Arcand served as artist-in-residence at Wanuskewin Heritage Park in Saskatoon. It was a big year for her, as she was also a finalist for the prestigious Sobeys Art Award—considered to be Canada's preeminent contemporary art prize.

When asked why her work resonates with viewers, Arcand said "that's always a hard question to answer, because I make work based on what I'm interested in.

"So when other people are affected by it or inspired by it, I'm always

surprised. You make your art for an audience, but it does come from a personal place. So when it's received positively it's always a nice feeling," she said.

"I think, particularly in recent years, my work has gained attention because people are now willing to talk about certain things regarding Indigenous cultural revitalization. I think it's also a bit of timing, more support for Indigenous artists and luck—but also perseverance, not giving up."

Arcand said all of her work comes from personal histories or narratives "that are intrinsically linked to my identity." Her 2019 solo exhibition at USask's College Art Gallery 2, titled she used to want to be a ballerina, exemplified that; Cree syllabics, neon signs, music by Buffy Sainte-Marie, images of dance and art zines were featured in the show, which Arcand referred to as a celebration of Indigenous girlhood.

"It feels really great to be showing on campus, and it does feel like a full circle," said Arcand, who currently lives in Ottawa. "It always feels good to show the work at home, because that's where I come from and where I draw all of my inspiration from."

USask alumnus Zachari Logan (BFA'05, MFA'09) is currently based out of Regina, Sask., but, like Cuthand and Arcand, his work has been seen and admired by viewers well beyond Saskatchewan's borders.

During the summer of 2019, for example, his art was exhibited in Italy, and he has a fall show coming up in Atlanta, Ga.

Logan attracted international attention almost immediately upon completing his master's degree; in fact, his MFA work went from the Gordon Snelgrove Gallery on the USask campus to a gallery in Paris, France. That turn of events was "unforeseeable," said Logan, who didn't envision having such an interesting artistic life when he was younger.

"I always said, 'I want to be an artist.' But what that entailed or what that meant I wasn't fully aware of," said Logan. "I just knew that I liked to draw, for example. There was no plan. I had no idea that this would sort of be part of my life as an artist, showing internationally the way that I have."

Since graduating from USask, Logan has maintained a studio practice focused on drawing, painting, ceramics and installation. His work can be found in public and private collections throughout the world, including Remail Modern, National Gallery of Canada, Art Gallery of Ontario and Leslie-Lohman Museum of Gay and Lesbian Art (NYC), among others. In 2015, he was named one of the College of Arts and Science's Alumni of Influence.

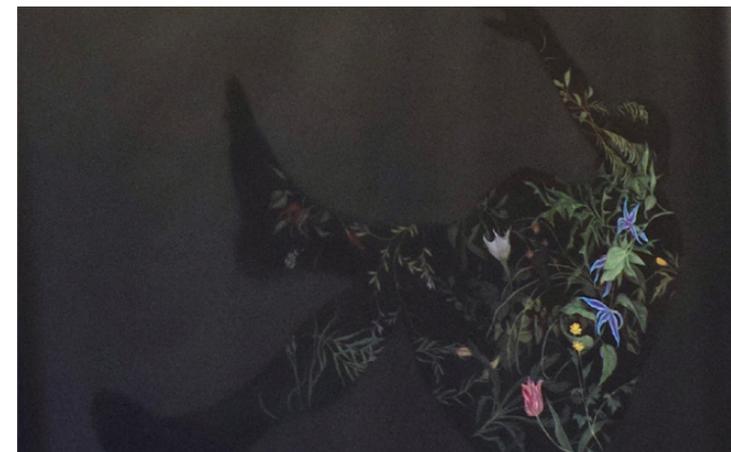
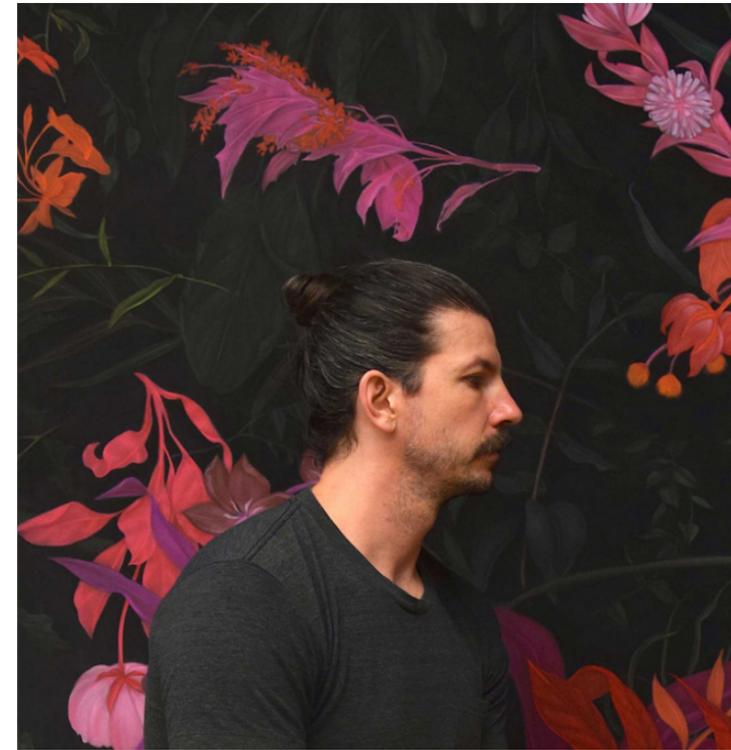
Logan's earlier work explored historical tropes of accepted maleness and challenged ideals of masculine representation by using his own body as a catalyst. Although he has moved from nude self-portraiture to more landscape-based work, his body is always present in his creations as he explores ideas of place and memory.

"The idea of land or representations of landscape cannot be separated from body, so I'm interested in the notion that land is body; there is no way to separate the two," he said. "As beings on this planet, we are not above other species; we are one of billions of species, and our supremacy is constructed."

In the fall of 2018, Logan's representations of nature and transcendence were on view at USask's College Art Galleries, where his work was shown alongside that of acclaimed New York painter Ross Bleckner. While the artists' styles differ esthetically, there are grounding qualities in their work, such as a focus on flora and fauna and on conceptual issues of life and love, death and decay, visibility and invisibility, and sexuality and selfhood.

Logan, who described having his work showcased at his alma mater as "a huge honour," acknowledges that being an artist is "a bit of a courageous act." For example, he said, there is a "general misunderstanding and lack of funding in many areas of the arts." Still, Logan is up to the challenge of expressing himself through art, and he's inspiring others while he's doing it.

"Curiosity is one of the main ingredients of a fertile artistic mind," he said. ■



Photography: submitted by artist

"Curiosity is one of the main ingredients of a fertile artistic mind."

ZACHARI LOGAN (BFA'05, MFA'09)



Coaching cues

Athlete Era: an app for athletes, parents and coaches

✍ SCOTT LARSON

Keeping kids active and developing skills they can use for the rest of their lives is the motivation behind Athlete Era.

USask graduates Corey Edington (BSKI'14, MCS'18), Andrew Leslie (BSKI'11, MSC'16) and Kent Walters (BSCRRM'15, BSC'18) are the people behind Athlete Era.

The trio develops mobile apps that make it easier for parent volunteers and teachers to coach sports.

The mobile learning apps provide an alternative educational solution to in-person clinics by allowing volunteer coaches to access detailed plans, drills and skill progressions through their mobile device during practice. The apps have already attracted interest from Football Canada and the Saskatchewan Roughriders of the Canadian Football League.

Edington, co-founder of Athlete Era, said they were looking for a way “to keep people engaged in sports and physical activity for life so they can recognize the long-term health benefits of it.”

They realized the most effective way to achieve this was by making quality coaching education more accessible for parent volunteers.

The two-year-old company's first product was Skill Lab, an app that offers 3D demonstration of basic skills like throwing a ball. Students then film themselves doing the movement and compare it with the demo to fix any deficiencies.

Edington said when they tested the app a year ago at Saskatoon YMCA summer camps it was a big hit.

“All these kids got significantly better,” Edington said, adding it cut down on instructors explaining the same coaching cues over and over.

“All these kids got significantly better.”

COREY EDINGTON
(BSKI'14, MCS'18)



(L-R): Corey Edington, Andrew Leslie, Kent Walters
Photography: Gord Waldner

“The instructor was better able to focus their time on children who were struggling with specific skills and give them more direct feedback.”

Even the children became teachers.

“We watched kids who were clearly not interested in sports who picked up an iPad and started using the app,” said Athlete Era’s software development lead Walters.

“Minutes later, not only are they humming balls at the wall, but they are demonstrating proper techniques to other kids.”

The Skill Lab app has received support from a number of school districts in Alberta, Ontario and Texas that are bringing the learning apps into their schools.

They have also collaborated with Football Canada and that work has evolved into the AQ Coach app.

AQ Coach has 3D demonstrations of football skills, pre-built season plans, practice plans and drills for coaches of varying experience. And you can use it for either flag or tackle football.

The app is great for the grassroots level where volunteers often have little time and experience to get in-depth training.

“(With AQ Coach) when coaches are at the field 10 minutes before practice starts, they can go right in the app and see what they are doing today,” Edington said. “We also use 3D-animated content to deliver a more

informative experience to the coach.”

And if someone is new to coaching they can go in and find a practice plan, he added.

All of these skills and training tips at the coach’s fingertips make them more prepared, and in the end leads to the kids having a better experience.

Edington said there are more than 500 coaches Canada-wide who have already used the AQ Coach app and it is also being used as far away as the United Kingdom.

Athlete Era’s survey of 25 flag football coaches who used the app last fall showed more than 90 per cent thought AQ Coach improved their coaching.

And now the Roughriders have come aboard. Athlete Era and the Riders have an agreement that will help get the app into the hands of minor football coaches across the province.

“Hopefully, the kids get the best coaching experience possible and an enjoyment of playing sports and to want to play next year,” Walters said

Edington said an administrator in Regina told him the reason kids come back every year because they had a good coach.

“So the more you can help prepare that coach to make sure that all the kids have a positive experience playing that game, the more likely they are to come back year after year. ♥

“Minutes later, not only are they humming balls at the wall, but they are demonstrating proper techniques to other kids.”

KENT WALTERS
(BSCRRM’15, BSC’18)

To learn more about the company and their mobile apps, visit athlete-era.com

ABOUT THE STUDENT WELLNESS CENTRE

When it comes to maintaining your physical and mental health, there are plenty of resources available for students and staff right on campus.

Jocelyn Orb (BScN’98, MA’05), manager of the Student Wellness Centre, says they spend a lot of time providing health education and health promotion.

“It’s run primarily through our Peer Health program,” she said. “It’s a large program that engages students, staff and volunteers in running health information campaigns on campus.”

Peer Health has been on campus for more than 20 years.

“It is driven by the students so they are

able to deliver content to their colleagues and that’s a really positive way to get health information out,” Orb said.

The Peer Health USask Facebook page is a great place for students to find all sorts of information and events that promote a healthy lifestyle.

There are a number of groups that you can join that focus on areas like promoting physical activity, mental health, hidden disabilities and promoting positive relationships.

“We’ve done a lot of work in terms of alcohol moderation and harm reduction,” Orb said.

“We’ve also expanded into providing information about cannabis. Anything the students are asking about or talking about we are able to identify and deliver content on.”

The Student Wellness Centre has physicians and nurses, counsellors and a dietitian on staff. They also offer massage, physio and chiropractic services.

Students can make appointments to see physicians and counselling.

Massage physio and chiro are offered for a fee to staff and students (reduced rate).

Orb said nurses and counsellors at the wellness centre can give students a prescription for exercise that gives the student access to a personal trainer at the PAC.

While the services are busy, Orb said not everyone on campus knows the wellness centre.

“One of the things we find is students come here for a degree and don’t even know that there are physicians or nurses or counsellors on campus for them.” ♥

Room 310, Place Riel Student Centre
Monday to Wednesday, Friday: 8:30 am – 4:30 pm
Thursday: 9:30 am – 4:30 pm
306-966-5768

For more info, visit:
students.usask.ca/health/centres/wellness-centre.php
Blog: peerhealthusask.wordpress.com



Nominations open for University Senate members

Senators connect the university to the community and have authority over matters such as selection of the chancellor, awarding of honorary degrees and making regulations concerning non-academic student discipline.

Nominations are open for five member-at-large and one district position. Elected senators will serve a three-year term beginning July 1 and are eligible for re-election after three years.

Election procedures

Only members of convocation¹ can be nominated. Nominees for district positions must reside in that district; there are no restrictions on where members-at-large reside.

Nomination forms and more information are available at usask.ca/secretariat or by calling 306-966-4632. You may also draft your own form. Nominations must include a 200-word biography, be signed by at least three members of convocation and be endorsed by the candidate.

Send your nomination by March 1, 2020 to:
Office of the University Secretary
University of Saskatchewan
E290 Administration Building, 107 Administration Place
Saskatoon, SK S7N 5A2
Or by email: senate.nominations@usask.ca

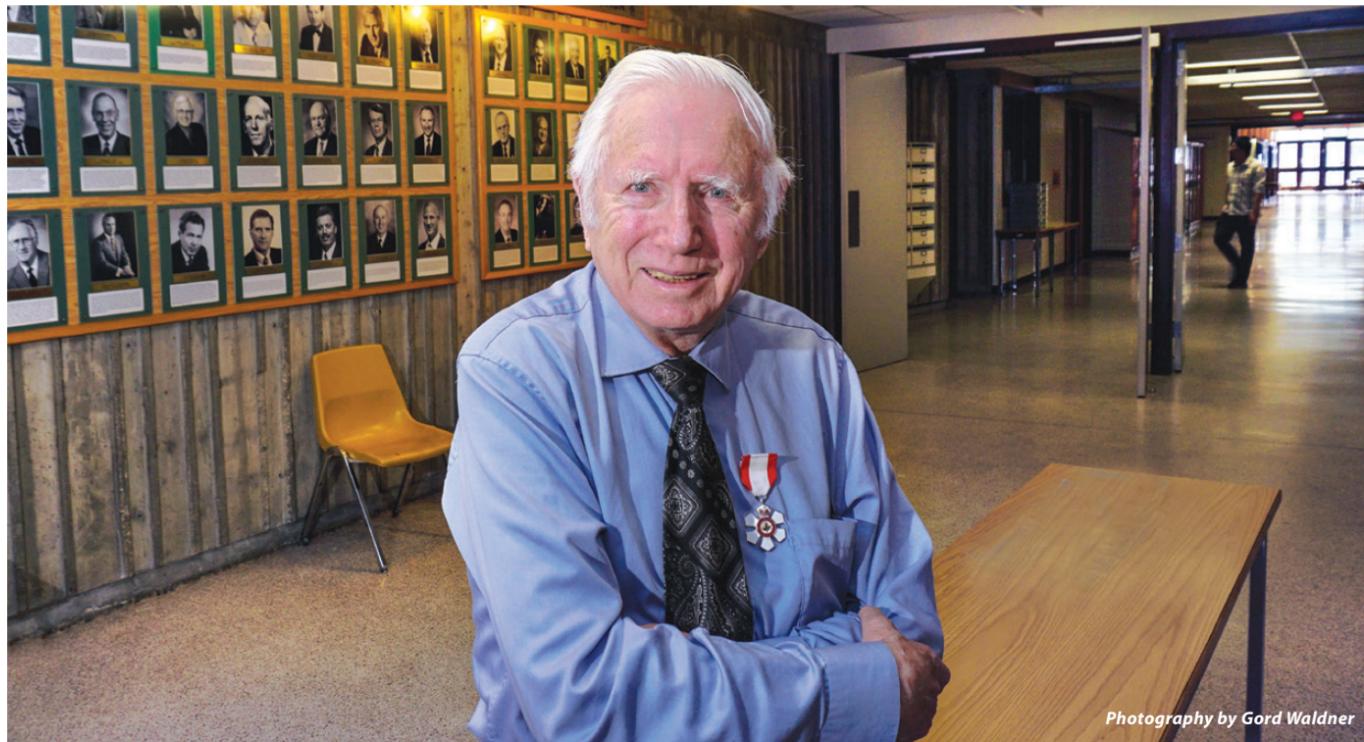
usask.ca/secretariat

1. Convocation includes the chancellor, members of Senate and all graduates of the USask.

ALL IN ON INSULATION

Harold Orr (BE'59, MSC'63) looks back on his work designing the famed Saskatchewan Conservation House (SCH) with a mix of pride and disappointment, but still with a dash of hopefulness.

KATHY FITZPATRICK



Photography by Gord Waldner

Orr and his colleagues attained an unheard of level of energy efficiency with their findings leading to Canada's R-2000 voluntary building standard, and the start of the passive house movement in Europe.

However, more than 40 years later, the project's real lessons of superinsulation and airtightness have yet to be fully implemented across Canada, said Orr.

In energy savings, most housing still doesn't come close to what could be achieved with available technology. Was this a lost opportunity for Saskatchewan?

"Yes, very much," Orr replied.

Nevertheless, at age 88, Orr continues his work. His achievements are bringing him recognition—induction into the Order of Canada earlier this year, and a string of other national and international awards within the past decade. Will he ever stop hammering on the message of energy conservation?

"When they bury me."

Measuring air temperature

By the time Orr got a job at the National Research Council in Saskatoon, he had already been working on an instrument to measure

how fast the air was changing in buildings. It was the topic of his master's thesis in mechanical engineering at the University of Saskatchewan (USask).

Back then, it was widely known how to calculate heat loss from insulation values.

"But when it came to how fast the air was leaking, you wet your finger and held it up to see which way the wind was blowing and then you grabbed a number out of the air and you wrote it down quickly and hoped you were within a hundred per cent of what it actually was," Orr recalled.

At the NRC, Orr continued his work on measuring air leakage.

The Arab oil embargo of the early 1970s prompted the Saskatchewan government to commission the design and construction of a solar house suited to the climate here. Orr was asked to join the project committee.

He said he and a few other members did some "back of the envelope calculations" and concluded solar energy would take "an Olympic-size swimming pool" to hold the water needed to heat a conventional house in winter.

"And this just didn't make sense," he said.

They looked at reducing the heating required. At the time R7 insulation was the standard, Orr said. He suggested at least R40 for the walls, at least R60 for the ceiling, and no basement since it is one of the largest components of heat loss.

The vapour barrier was another critical element.

"It was likely the tightest house in the world at that time," Orr said, achieving a rate of air change between 1/20 and 1/40 of the average house back then.

A technician at USask manufactured an air-to-air-heat exchanger to provide suitable ventilation.

The design cut the house's energy

Orr concluded solar energy would take "an Olympic-size swimming pool" to hold the water needed to heat a conventional house in winter and to him, this just didn't make sense.

requirement by 90 per cent, an "amazing achievement" said architect and fellow committee member Gary Marvin.

But the solar energy system roughly doubled the cost of construction—to \$125,000—the pair recalled. (Back then solar technology was much costlier than it is today.)

By contrast, the team estimated it would have taken about \$25 worth of natural gas per year to heat the house, Orr noted.

The SCH was sold, and later the solar system was removed because of its exorbitant maintenance cost.

But before then, people had come from around the world to view the SCH "and then it was sort of forgotten here," said Orr's wife Mary.

However, a visitor, Wolfgang Feist, carried the idea back to Germany, Orr said, resulting in the passive house (passivhaus) concept that "now has come back to North America."

Conservation "godfather"

Everyone associated with the passive house movement regards Orr as the "godfather of energy conservation in buildings," Marvin said.

At the 2015 International Passive House Conference in Leipzig, Germany, Orr received the Pioneer Award for his work on the SCH.

Projects such as the passive house on Saskatoon's Temperance Street, rare though they still are here, give Orr optimism.

And he's still finding advances others have developed, such as technology to seal the holes in heating ducts. He said it can dramatically reduce the leakiness of a house—taking it from 17 air changes per hour to less than half an air change per hour.

"Tighter than the Saskatchewan Conservation House, in about two hours (to do the job)," Orr noted, and at a cost of \$3,000 to \$4,000.

But in the midst of climate change, why

aren't more builders and homeowners adopting the passive house standard?

Cost savings alone would be reason enough. Every dollar spent on insulation can likely reduce the cost of a heating system by a dollar, "a direct trade-off," Orr said.

And for every one dollar spent sealing a house, the heating cost can be reduced perhaps ten-fold.

Quintupling the price of natural gas may finally get people serious enough about energy-efficiency, Orr suggested with a chuckle.

"Either that or some legislative body is going to say you're going to do it," he added.

"It also bothers me a great deal to see the misconception that people have about energy in buildings."

For example, homeowners adding an inch and a half of Styrofoam when they install new siding.

"I defy them to find (the payback) on their energy bill after they've done it," Orr said.

Unless people tackle the two biggest heat losses—air leakage and the basement—"you're barking up the wrong tree."

It's a concern Marvin shares.

But Orr "just keeps on plodding along . . . and just kind of laughs when I tell him how frustrated I am," Marvin said.

In Saskatoon, Orr has done a "chainsaw retrofit" of a house, wrapping it in polyethylene to make it airtight, adding R42 insulation from top to bottom, and replacing windows and doors.

He is now advising on a project Marvin leads, the proposed Buffalo Ranch zero-carbon community near Wanuskewin Heritage Park.

"He's such a soft-spoken, rational and pragmatic person," Marvin said of Orr. "You've got to love the guy." ■

Agriculture is grounded in

INDIGENOUS communities

JENN SHARP

There's great opportunity to further Indigenous agriculture in Saskatchewan. As much as four million acres of reserve lands, much of it suitable for agriculture, are located in Treaty 4 and 6 territory. To that end, the first Forum on Indigenous Agriculture in Saskatchewan was held last December.

Melissa Arcand (PhD'13), assistant professor and soil scientist in the College of Agriculture and Bioresources, was awarded \$34,000 through a new federal tri-agency grant for Indigenous Research Capacity and Reconciliation. She collaborated with fellow USask colleague and various Indigenous organizations to hold the two-day event at Wanuskewin Heritage Park.

Arcand was overwhelmed with the forum's support from Indigenous communities.

"It was nice to know there was demand for people to discuss issues around agriculture as it relates to First Nations within the community level."

Indigenous leaders, land managers, farmers, non-profit organizations and researchers, as well as USask researchers, and federal and provincial officials, shared information on everything from commercial farming operations to community gardening programs.

The forum combined information gathering with community engagement.

"We weren't prescriptive about what Indigenous agriculture can be," she said.

Presenter Sheldon Wuttunee, president/CEO of the Saskatchewan First Nations Natural Resource Centre of Excellence, said the forum was a significant way to bring communities together.

"Farming and agriculture for Indigenous people is an important concept past, present, and future. The essence of agriculture is fundamental to the signing of our treaties."

While some Indigenous people were against cultivating the land, there were families farming before the treaties were signed. Arcand said historical accounts show



these people were good farmers.

There are several stipulations in the Indian Act (enacted in 1876) that inhibited Indigenous participation in agriculture.

"A major barrier to individual people engaging in conventional agriculture as a business is the fact that on the reserves, we don't own our land," said Arcand. "It's not capital that we can use to leverage for loans for machinery, or high capital activities that are part of farming."

Wuttunee said, "as people moved on to reserves, agriculture was to take the place of hunting, fishing, trapping and gathering as a way of sustenance."

However, policies like the pass and permit system, which restricted movement off reserves and made selling any food grown on the reserve difficult, and the Soldier Settlement Act made successful Indigenous agricultural ventures difficult in Saskatchewan.

The Soldier Settlement Act allowed the government to purchase land from Indigenous communities for veterans returning from war to homestead.

"Many sales were coerced or negotiated through a backhanded deal with someone without authority to make that deal. This meant the reserve land bases became much smaller and usually the land surrendered for the soldier settlements was the best agricultural land," said Arcand.

During the forum, focus groups provided the most valuable information, helping to identify information gaps and future priorities.

While data is helpful, at the end of the day, most of the forum's Indigenous participants wanted action to drive policy change.

"And policy... done in a way that communities are empowered and able to make decisions without being hampered along the way or dictated by Indigenous Services Canada," said Arcand.

Arcand sees her role as being a partner in future initiatives and will use the forum to remind people there's a need for this work. She's starting a new research project with communities involved in the forum. She'll focus on soil and traditional knowledge around land and plant-based relationships.

This work contributes momentum to other activities such as the Indigenous Ag Summit at Agribition and a conference to be held this fall by the File Hills Qu'Appelle Tribal Council.

Wuttunee, who looks forward to continued work with USask, said there's an opportunity to work in partnership with researchers to determine what types of programs are needed.

"It's important for those in positions of research to get a good handle on what the needs are in the (Indigenous) community."

He stipulated that it's important for all involved to think in context of the treaties.

"If you take the literal text of the treaty—the promise to give land and implements—those are important fundamental concepts."

He'd like to see targeted programs developed in conjunction with the province, and investment dollars earmarked for Indigenous agriculture.

"We'll find more opportunities to contribute to the economy in Saskatchewan, but just like any other business—everybody needs investment to get going and get off the ground." ■

CHIEF POUNDMAKER RECEIVES AN APOLOGY

✍ JOHN GRAINGER



Bill Waiser (MA'76, PhD'83, DLITT'10)

"I witnessed history that day."

That statement from Bill Waiser (MA'76, PhD'83, DLITT'10) outlines the significance he sees stemming from the federal government's apology to the Poundmaker First Nation last May.

Prime Minister Justin Trudeau came to Saskatchewan with the sole purpose of exonerating Chief Poundmaker, more than 130 years after the chief's death.

"Trudeau's visit to the Poundmaker First Nation to deliver an apology on behalf of the Canadian state was important in the sense that his presence here as prime minister was a signal that was an important and meaningful event. And he was warmly received because of that," Waiser said. "His words were very measured, very thoughtful and very heartfelt that day."

Poundmaker was charged with treason-felony, convicted and sentenced to three years in the Stony Mountain Penitentiary in Manitoba. Because of ill health, Poundmaker was released seven months after his conviction and died shortly after in 1886 at the age of 44.

Residents of the Poundmaker First Nation near Cut Knife, Sask., located about 90 minutes west of Saskatoon near Battleford, say their chief was not the troublemaker nor instigator he was made out to be by the Canadian government. Rather, Poundmaker

was a peacemaker and someone who was standing up for his people during the time of the 1885 Northwest Rebellion.

Waiser, a distinguished professor emeritus at USask, is regarded as the foremost scholarly expert on that piece of Canadian history. Along with Blair Stonechild, Waiser wrote *Loyal Till Death: Indians and the North-West Rebellion*, which detailed the Poundmaker story. Waiser, who was named a member of the Order of Canada in 2017, was invited as a guest to witness the ceremony.

Two features of the prime minister's speech that day were vitally important, he added. First, reconciliation is something for all Canadians to participate in.

"We have to walk side by side together down the road to reconciliation."

Secondly, Waiser said there remains another important, and often forgotten, piece to the process.

"There really can't be reconciliation until we recognize past wrongs and confront some hard truths about Indigenous/non-Indigenous relations in this province and this region, and make amends for them."

Sometimes, a simple handshake can be a meaningful gesture of reconciliation. That was not the case for Poundmaker, Waiser said.

In late May 1885, Poundmaker met with Major-Gen. Frederick Middleton at Fort Battleford.

"Poundmaker offered General Middleton his hand to shake and General Middleton refused to do so," Waiser said. "General Middleton more or less said 'I refuse to shake hands with rebels.'"

At the ceremony with Trudeau, Poundmaker Chief Duane Antoine offered his hand to Trudeau as a step towards reconciliation. Trudeau accepted the gesture.

"There's tremendous symbolism there," Waiser said.

From that handshake comes the next steps in a meaningful effort to repair the relationship between government and the

"There really can't be reconciliation until we recognize past wrongs and confront some hard truths about Indigenous/non-Indigenous relations in this province and this region, and make amends for them."

BILL WAISER (MA'76, PHD'83, DLITT'10)

Poundmaker First Nation.

"What Trudeau did was a beginning," Waiser said. "There's a lot more work to be done, but it's an important beginning, a significant beginning."

Waiser said it's also imperative for the provincial education system to ensure students have a better understanding of our history.

"The Poundmaker story has been taught in the university classroom for several years now. I taught it. But it may not be as publicly known as it should be."

There are people who wonder why there is such a fuss made about Poundmaker so many years after his conviction. Waiser said the reason is very simple.

"Why does it matter? Well, I think in the case of anybody who's been wrongfully convicted, you should look at the circumstances and act on it. I don't think time should be a factor."

Rewriting history when a correction is needed is something Waiser will be more than happy to witness again. ♥

VOLUNTEER HIGHLIGHT

✍ JOHN GRAINGER

WITH
REGGIE
NYAMEKYE



When a USask Alumni event is happening around campus, you can pretty much count on seeing current student Reggie Nyamekye putting her hand up to volunteer in some capacity. She tells us why she's so inclined to lend a helping hand.

G&W: What was your first USask Alumni event you volunteered for?

The Residence Move-In day stationed at the College Quarter residences, in the fall of 2018. The Alumni Relations Office had a table set up, giving directions, providing discounted coupons, free coffee, juice to residents and their family and friends who were helping them move in. New students and their parents also had the opportunity to enter their names for a draw to win prizes from the Alumni Relations Office. It was a super fun time engaging with everyone that stopped by the table.

G&W: What drew you to start volunteering in the first place?

All around me, volunteering was a norm. My family volunteered whenever they could and as often as they could, thus I became an avid volunteer at an early age. Quite significantly, in high school in Tema, Ghana, as part of the International Baccalaureate (IB) diploma program, all students partook in Creativity, Action and Service (CAS). So, through that, I got several opportunities to volunteer in many local communities, whether it was helping build a playground for kids or fundraising through a fun-fair. So, I was constantly drawn to volunteer, wherever I found myself and this brought me so much joy to see people being impacted by my contributions.

Visit alumni.usask.ca/volunteer to check out volunteer opportunities.

G&W: What is it about volunteering that keeps bringing you back?

I think what brings me back is, I was raised to give back when I can because I am a beneficiary of the generosity of others, too. Above all, I keep volunteering because of the kind spirit, love and strength my late brother Pascal exemplified when it came to being there for others. Pascal had sickle cell anemia and even on days when he was having a crisis, he will set his pain aside if it meant that someone else would appreciate his contributions. His contributions, however little he thought they were, actually made a big difference. So, I keep going for Pascal because he taught me to be selfless, always show up to assist, contribute my efforts and be part of any circle, culture or community of giving, so long as I can.

G&W: Do you have a favourite event or favourite role you like to volunteer for? Why?

Being a member of Student Alumni Relations Team (START) is a favourite role of mine since it comes along with more volunteer opportunities. From One Day For Students, framing degrees at convocation ceremonies, delivering gifts to faculty deans, to the Easter Bunny Brunch event, to welcoming donors of the university legacy group and interacting with alumni at Alumni Weekend; there have been many moments that have left me still smiling long after the volunteer event was over.

G&W: Tell us about your relationships you've formed and the networking you have made through volunteering.

I have formed many great friendships and connected with people whose paths I may not have ever crossed had I not showed up at a volunteer event. Through a volunteer poetry performance at a cultural event, I was given the opportunity to help co-coordinate a successful Black History month event under the theme, the strength of a Black woman. From there, I have been invited to perform and tell stories to many communities here and been given so many opportunities that my academic path might not necessarily make happen. I have made lifelong friends, who continue to be supportive, inspirational and encouraging. ♥



Greetings to all my fellow USask alumni! With a theme of *Courageous Curiosity*, this issue of the *Green & White* is chock full of examples of those attributes.

Without courage or curiosity, it's safe to say there would not be a university, nor would there be more than 158,000 USask alumni scattered throughout the world.

Courage and curiosity are the bedrock of what an institution of higher learning aspires to be. We need professors who are both courageous and curious who will pass on their experience and knowledge to students who, in turn, carry that knowledge into the world as alumni.

That's why it's so much fun when we return to the USask campus for reunions. It's a chance to catch up with friends we always wanted to reconnect with, but for whatever reason, life got in the way. The recent Alumni Weekend held on campus in September saw hundreds of graduates return to renew old acquaintances and witness how our campus has continued to grow and develop. A number of colleges held their own reunions in conjunction with Alumni Weekend.

USask President Peter Stoicheff has made a point of touring the province and beyond as part of our growing regional network plan to visit with alumni, to help them reconnect and let alumni know they are never far from home. All alumni, including those who have taken their USask degrees to other places in the province, or across Canada and around the world, remain just as important to us as when they were students.

Our most recent USask graduates were the first to cross the stage at Merlis Belsher Place as our annual convocation returned to campus

for the first time in 50 years. Reviews of the spring ceremonies were glowing. Graduates and their families and friends also had the opportunity to attend the Alumni Tea at the historic Convocation Hall to help celebrate their milestone. At Fall Convocation, which takes place Nov. 13, will see our graduate numbers swell to nearly 160,000.

A year ago, when President Stoicheff unveiled the pillars that guide the university's growth for the next few years, the message rang true for the Alumni Association as well. To more effectively deliver on the association's mission of adding value to, and fostering lifelong involvement of our alumni, it was time for the Alumni Association to make structural changes. In June, the Alumni Association held a meeting where a new volunteer structure was approved which saw the formation of a new advisory board. We are excited about this change and believe it will help strengthen alumni programs and engagement.

It's very important we keep our alumni connections strong. We see evidence of this on a regular basis through comments to us on our Facebook page or an email sent to our alumni offices.

It took courage to leave the security of campus and embark on a chosen path. Stay curious and find out what life can bring.

Don't forget to update your contact information online and let's stay in touch.

Kelly Strueby (BComm'84)
Chair, Alumni Advisory Board



Update your contact info
Visit alumni.usask.ca/update for monthly e-news, event invitations, college news and more.

Find us on social media or online

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greenandwhite.usask.ca



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2019 USASK ALUMNI *Achievement Awards*

A diverse group of five individuals whose varied careers had a profound effect on people in this community and beyond will be honoured Nov. 8 as USask Alumni Achievement Award winners for 2019.

An acclaimed artist, a titan of business, a couple of sharp legal minds and a trailblazing business leader speak to the diversity and breadth of their respective careers. These five, selected by their peers of more than 158,000 USask graduates scattered around the globe, have reached the pinnacle as Alumni Achievement Award winners, as graduates whose contributions go above and beyond.

The USask community will gather Nov. 8 at the Delta Hotels by Marriott Bessborough to celebrate their contributions in their respective careers, their communities and the university at the 41st annual Alumni Achievement Awards.

The Alumni Association is proud to present the 2019 Alumni Achievement Award winners:



Georgina Jackson (BA'73, LLB'76) and Gerald Tegart (BE'73, JD'76)

Georgina Jackson and Gerald Tegart have dedicated their working careers to a lifetime in law.

Born in Wadena and raised in rural Saskatchewan, Tegart graduated from USask in 1976 and spent 37 years as a provincial Crown prosecutor and as an adviser to multiple government agencies, and also served as a legal manager, including four years as the Deputy Minister of Justice and Deputy Attorney General.

He is a lifelong volunteer in Regina, serving as a board member with multiple community services agencies.

Born in Yorkton, Sask., Jackson has been a trailblazer for women in the legal community since graduating from USask in 1976. After serving as a partner at the prominent law firm MacPherson, Leslie and Tyerman, she was appointed to the Court of Appeal for Saskatchewan in 1991, one of the youngest people ever to be named to that court. She also served as Saskatchewan's Master of Titles, overseeing the provincial land registration system.

Both have never forgotten the USask College of Law, a place where they have shared their legal experiences and provided philanthropic support.

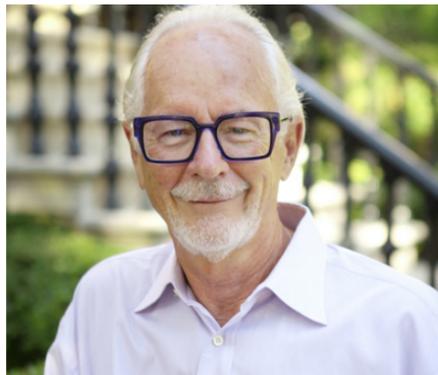


Share your story. Tell us the recent highlights of your career, achievements and personal updates.

Your story will be shared online in class notes and may be published in the next issue or in college publications.

alumni.usask.ca/classnotes

Robert Gordon (BCOMM'70)



Born and raised in Saskatoon, Robert Gordon left his hometown and became an accomplished business leader who has never forgotten where he came from.

Gordon took his prairie work ethic and focused his business acumen on technology and information services. He has a strong entrepreneurial background having served as the CEO of technology companies including public, startup and restructured companies. Most notably, Gordon successfully led business information services provider DTN over a period of 10 years, from bankruptcy to a company valued at more than \$1 billion.

Gordon graduated from the College of Commerce with great distinction in 1970, and also holds an MBA from the University of Chicago. Married to Brenda, his wife of 37 years, they have two children and two grandchildren, and reside in Savannah, Ga.

USask left an indelible stamp on Gordon. He and Brenda established the Gordon MBA Scholar Awards at the Edwards School of Business to encourage entrepreneurs with non-business backgrounds to add management skills.

Dorothy Knowles (BA'48)



The USask community has been blessed to have had Dorothy Knowles in their midst for more than half a century. Her influence runs deep in the arts community in this province and beyond, and her artistic works are woven into the fabric of this province.

Born in Unity, Sask., in 1927, Knowles started receiving attention for her art soon after earning her Bachelor of Arts at USask in 1948. It didn't take long for other artists, art critics and curators from around the world to take notice of this young upstart from the Prairies. She left the province to continue her studies in Banff, Alta., and at the Goldsmith School of Art in London, England, but ultimately returned to Saskatoon.

She received the Saskatchewan Order of Merit in 1987 and was made a member of the Order of Canada in 2004. Canada Post commemorated her work in two stamps issued in 2006. In 2009, Knowles was named as one of the 100 Alumni of Influence by the College of Arts and Science. Her works proudly adorn the walls of USask, including at the President's Residence as well as in the Arts Building. Her works have also been on exhibit at Remail Modern.

Rita Mirwald (BA'63, EDUC'67)



The trailblazing Rita Mirwald has found success in every stop of her career, from the classroom to the boardroom at one of the world's largest publicly traded companies.

Mirwald's accomplishments came at a time in society when women were not often seen as power brokers in corporate settings. She went from teaching elementary and high school students in a classroom to an office as a senior vice-president at Cameco, a global giant in uranium production with its headquarters in Saskatoon.

Mirwald, an Order of Canada recipient in 2010, also forged relationships with Indigenous and Métis communities and helped Cameco become a leader in creating employment and successful investment strategies in those communities.

In addition to her achievements professionally, she still made time to contribute to the local community by serving on a number of charitable boards and has become a highly regarded mentor and role model for women in big business.

1940s

Mr. William F Ready, BA'48, JD'50, of Regina, SK, was a 2019 recipient of the Saskatchewan Order of Merit, the province's highest honour. Mr. Ready was invested with the Order at a ceremony in June and passed away in July.

Dr. Don R Seaman, BE'47, LLD'19, of Calgary, AB, was awarded an Honorary Doctor of Laws degree from the University of Saskatchewan on June 7, 2019 at the spring convocation ceremony.

1960s

Dr. Bob L Calder, BA'63, MA'65, (PhD), of Saskatoon, SK, won the City of Saskatoon and Public Library Book Award for *A Hero for the Americas* (University of Regina Press) at the Saskatchewan Book Awards gala on April 27, 2019.

Dr. Bill O Cooke, BEd'69, PGD'72, (PhD), of Saskatoon, SK, was inducted into the College of Education Wall of Honour on January 19, 2019.

Senator Lillian E Dyck, BA'66, MA'70, PhD'81, of Ottawa, ON, received the 2019 YWCA Women of Distinction Award in Lifetime Achievement on May 14, 2019. ▼



Mr. Donald W Pfeifer, BEd'67, of Yorkton, SK, was recently inducted into the Canadian Volleyball Sport Hall of Fame in the category of Official. The induction ceremonies took place in Ottawa at Volleyball Canada's AGM held June 6, 2019.

Mr. John S Plaxton, BE'62, of Lethbridge, AB, spent 27 years in RCAF/CAF in various roles. From flying and submarine hunting on both coasts of Canada, testing with the Maritime Proving and Evaluation Unit (MPEU), as a liaison officer at Defense Research Establishment Atlantic (DREA), Aeronautical Engineering and Test Establishment (AETE) to teaching at Aerospace System Course (ASC). Plaxton is now retired enjoying travelling via motorhome.

Mrs. Marg J Sihvon, BAPE'67, EDUC'68, BEd'68, of Medicine Hat, AB, was inducted into the Saskatchewan Sports Hall of Fame on September 28, 2019.

Ms. Anne M Stang, BA'61, EDUC'65, BEd'68, of Calgary, AB, has translated *My Hard Life* from German to English which has been published by the American Historical Society of Germans from Russia. It is the story of an ethnic German woman in the slave labour camps of Soviet Russia.

Dr. Harvey D Voldeng, BSA'63, MSc'64, of Ashton, ON, has been appointed an Officer (O.C.) of the Order of Canada.

Dr. Kathryn A Young, BA'64, (PhD), of Winnipeg, MB, published *No Man's Land. The Life and Art of Mary Riter Hamilton* (U of M press, 2017) along with co-author Sarah McKinnon (doctorate in art history). *No Man's Land* is a biography of western Canadian artist, Mary Riter Hamilton (1868-1954).

Mr. Peter E Zakreski, BA'61, and Ms. Elaine R Zakreski, BEd'77, of Saskatoon, SK, received the 2019 Saskatoon Red Cross Humanitarians of the Year award on April 17, 2019 for their persistent work to build capacity in the Mtogola region of southern Malawi. ▼



1950s

Professor Emerita Pat A Lawson, BA'50, BEd'53, of Saskatoon, SK, was a 2019 inductee into the Canadian Basketball Hall of Fame in the Player category. ▼



Mr. Justice William J Vancise, BA'58, LLB'60, of Regina, SK, has been named inquiry officer for the ongoing provincial inquiry into the Northern Village of Pinehouse.

Mrs. Margaret M Ludlow, BA'63, BEd'69, of Dartmouth, NS, was the recipient of the Canadian Teachers Federation International Program Volunteer Recognition Award. This award is presented to an outstanding individual for significant voluntary contributions to the development co-operative work of CTF-FCE and one or more of its partner organizations (Nova Scotia Teachers Union). Mrs. Ludlow's assignments were Tanzania ('91, '92, '93), St. Kitts ('94), Nepal ('98), Malawi ('99), Liberia ('00), Jordan ('05) and Ghana ('08, '09).

Dr. Ann A McCaig, BEd'61, of Calgary, AB, received an honorary degree from Mount Royal University on June 6, 2019.

Mr. Arnold J Petracek, BSA'65, of Esterhazy, SK, was inducted into the Saskatchewan Agricultural Hall of Fame (SAHF) on April 27, 2019.

Chancellor Emerita Vera R Pezer, BA'62, MA'64, PhD'77, of Saskatoon, SK, published a new book called *The Little Community That Could*, which tells the story of her hometown of Meskanaw, Saskatchewan.

1970s

Ms. Shelley A Brown, BComm'78, of Saskatoon, SK, was honoured with a Lifetime Achievement Award by the Chartered Professional Accountants of British Columbia (CPABC).

Ms. Tina E Cairncross, BAPE'71, of Green Valley, ON, has been named an inductee of the Glengarry Sports Hall of Fame.

Ms. Lyn R Goldman, BA'72, ARTS'73, of Regina, SK, was a recipient of the 2019 Saskatchewan Order of Merit award on June 1.

Ms. Lee-Anne L Hall, PHYSIO'78, of Cochin, SK, has been acclaimed to serve a three year term (2019 - 2022) on the University of Saskatchewan Senate as representative of District 8 (LaLoche - Green Lake - Battleford).

Mr. Bill J Kinash, BE'75, of Regina, SK, was inducted into the Saskatchewan Sports Hall of Fame on September 28, 2019.

Mr. Sylvester A Kulyk, BED'70, of Saskatoon, SK, received the Saskatchewan Volunteer Medal Award on April 9, 2019 at a ceremony held during National Volunteer Week.

Mr. Ken G Linnen, BE'72, of Regina, SK, was the 2019 recipient of the Brian Eckel Distinguished Service Award from the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS). The award recognizes professional achievement, service to the community and service to the engineering and geoscience profession, and was presented at the APEGS annual general meeting on May 4, 2019.

Dr. Christine P Molnar, MD'76, of Calgary, AB, is an AMA Member Emeritus and a CMA Member Emeritus in full clinical practice of Nuclear Medicine and PET/CT at FMC in Calgary and has worked for EFW Radiology since 1985. She is currently president elect of the Alberta Medical Association and will be president of the AMA until 2020.

Mr. Bill B Robertson, BA'77, MA'81, of Saskatoon, SK, is the recipient of the USask 2019 Sylvia Wallace Sessional Lecturer Award.

Dr. Steven P Rollheiser, MD'79, of Kamloops, BC, is the department head of Hospital Medicine at the Royal Inland Hospital (RIH) Kamloops and a member of the Health Authority MAC. He is past president of the RIH medical staff and still working full-time (clinical, teaching and administrative roles).

Dr. Neil S Shantz, BSA'73, DVM'82, of Saskatoon, SK, was inducted into the Saskatchewan Agricultural Hall of Fame (SAHF) on April 27, 2019.

Mrs. Linda R Shaw, BA'71, of Saskatoon, SK, was the 2019 BMO Celebrating Women event honouree in the Community & Charitable Giving category for her remarkable contributions to business and the community.

Dr. Marlene A Smadu, BSN'75, of Regina, SK, has been appointed vice chair of the University of Regina Board of Governors.

Ms. Doreen A Thorson, BE'd'77, of Preeceville, SK, was inducted into the College of Education Wall of Honour on January 19, 2019.

Mr. Brian D Towriss, BComm'78, of Saskatoon, SK, was the 2019 recipient of the Jean-Marie De Koninck Coaching Excellence Award. ▼



Professor Emeritus Bill A Waiser, MA'76, PhD'83, DLITT'10, of Saskatoon, SK, has been appointed as a member of the Historic Sites and Monuments Board of Canada.

Dr. David V Waltner-Toews, DVM'78, of Kitchener, ON, received the WSAVA-Covertrus International Veterinary Community Service Award. This award recognizes veterinarians who have exhibited exceptional acts of valour and commitment in the face of adversity to service the community. The contribution could be specific to the veterinary community or beyond. The award was presented on July 18, 2019, at a "Canadian-themed" street party during the congress of the World Small Animal Veterinary Association at Toronto's Brickworks.

1980s

Dr. Kim F Coates, BA'81, DLET'17, of Altadena, CA, won the award for Best Actor in a Continuing Leading Dramatic Role in the series *Bad Blood* at the 2019 Canadian Screen Awards on March 31, 2019.

Ms. Nicole L Conan, BA'85, of Saskatoon, SK, has been elected to serve a three-year term (2019 - 2022) on the University of Saskatchewan Senate as a Member-at-Large.

Dr. Barbara E Gustafson, BE'd'83, BA'87, MBA'01, CACE'06, PhD'15, of Prince Albert, SK, has been elected to the University of Saskatchewan Senate representing District 11 (Prince Albert and East). This is a three-year term from July 1, 2019 to June 30, 2022.

Mr. Peter L Haukedal, BComm'82, of Red Deer, AB, has been appointed to the board of directors for Asterion Cannabis Inc.

Mr. Keith A Hayward, BSA'82, MSc'85, of Yorkton, SK, is currently serving as co-chair of the Yorkton Film Festival, the longest-running film festival in North America.

Mr. Mike J Hoffort, BSA'88, of Buena Vista, SK, has been re-appointed president and CEO of Farm Credit Canada.

Dr. Digvir S Jayas, PhD'87, DSc'19, of Winnipeg, MB, received an Earned Doctor of Science at the 2019 USask spring convocation ceremonies. ▼



Mr. Gregory J Jockims, BSPE'88, of Saskatoon, SK, was named head coach and general manager of the Saskatchewan Rattlers basketball team.

Dr. Adrian M Johnston, BSA'81, MSC'89, PhD'91, of Bowser, BC, is the recipient of the 2019 Saskatchewan Pulse Growers' (SPG) Pulse Promoter award.

Mr. Tom P Kishchuk, BE'87, MSc'89, of Saskatoon, SK, was elected chair of the board of directors for the Sylvia Fedoruk Canadian Centre for Nuclear Innovation (Fedoruk Centre) in June 2019. ▼



Dr. Lisa L Lomsnes, BSA'86, DVM'91, of Red Deer, AB, has been appointed president of the Alberta Veterinary Medical Association for 2019.

Mr. Tim A Molnar, BSc'80, BE'd'81, of Saskatoon, SK, is the recipient of the USask 2019 Provost's College Awards for Outstanding Teaching for the College of Education.

Mr. Mike P Morris, LLB'84, of Regina, SK, has been honoured with the Queen's Counsel (Q.C.) designation for 2018.

Dr. Murray D Rice, BE'88, MA'91, PhD'95, of Denton, TX, was promoted to full professor in the Department of Geography and the Environment at the University of North Texas, in August 2018. He also began a term as Executive Director of the Applied Geography Conferences in November 2018, and received the Distinguished Scholar Award from the Business Geography Specialty Group of the American Association of Geographers in April 2018.

Ms. Debbie L Rolfes, BA'85, CACE'97, of Saskatoon, SK, is the recipient of the USask 2019 Provost's College Awards for Outstanding Teaching for the College of Engineering. ▼



Dr. Karen V Schwean-Lardner, BSA'85, MSc'95, PhD'12, of Saskatoon, SK, is the recipient of the USask 2019 Provost's College Awards for Outstanding Teaching for the College of Agriculture and BioResources as well as the 2019 Novus Outstanding Teaching Award.

Dr. Ron K Siemens, MD'82, of Saskatoon, SK, is the new interim provincial head of Pediatrics for the Saskatchewan Health Authority.

Mr. David H Speirs, BE'85, of Irvine, CA, has been selected as the new chief engineer for Transportation Corridor Agencies (TCA). The TCA oversees operations of California's largest network of toll roads.

Dr. Vicki L Squires, BE'd'84, MEDUC'04, PhD'10, of Saskatoon, SK, is the recipient of the USask 2019 Provost's New Teacher Award.

Chancellor Charles E Weasel Head, HECADM'86, of Cardston, AB, has been elected the 14th chancellor of the University of Lethbridge. He is the first Indigenous person to hold this post.

Ms. Shelley L Willick, BComm'89, of Saskatoon, SK, has been appointed president & CEO of Saskatchewan Mutual Insurance Company (SMI) effective July 15, 2019.

Mr. Tracy D Zimmerman, BE'87, of Cochrane, AB, has been appointed to the board of directors of Tenth Avenue Petroleum Corp.

Ms. Heather L Zordel, BComm'86, of Toronto, ON, was appointed as a part-time commissioner of the Ontario Securities Commission February 14, 2019.

1990s

Ms. Darlene Brander, BE'd'95, of Saskatoon, SK, assumed the role of CEO of Wanuskewin Heritage Park on March 4, 2019.

Dr. Linda Chelico, BSA'99, PhD'05, of Saskatoon, SK, has been awarded two grants by the Canadian Institutes of Health Research (CHIR), one to develop ways to fortify the body's natural defenses against HIV, and the other to characterize ways the body's natural defences can go awry and contribute to cancer.

Ms. Sandra J Gillies, BComm'93, MSc'96, of Debden, SK, has been acclaimed to the University of Saskatchewan Senate representing District 12 (North West Saskatchewan). This is a three-year term from July 1, 2019 to June 30, 2022.

Mr. Justice Jefferey D Kalmakoff, LLB'93, of Regina, SK, has been appointed a judge of the Court of Appeal for Saskatchewan and a judge ex-officio of the Court of Queen's Bench for Saskatchewan.

Mr. Darren J Moroz, BE'd'90, of Calgary, AB, was elected as Calgary City District Representative of the Alberta Teacher's Association 2019.

Ms. Jacki E Nichol, BSc'97, BSPE'97, BSPT'01, of Saskatoon, SK, was inducted into the Saskatchewan Sports Hall of Fame on September 28, 2019.

Mr. Mark J Poweska, BE'93, of Toronto, ON, has been appointed president and CEO of Hydro One effective May 2019.

Dr. Philipp W Schott, BSc'90, DVM'90, of Winnipeg, MB, has written a book titled *The Accidental Veterinarian*. The book is a collection of bite-sized essays by a veterinarian and it really strikes a good balance between light, funny stories, informative pet care tips, and more serious aspects of the veterinary profession. Philipp talks about the most memorable pets that have come through his clinic and doesn't shy away from weightier topics like high depression rates amongst veterinarians.

Judge Rhonda E Tibbitt, LLB'92, BA'93, of Edmonton, AB, has been appointed a judge of the Provincial Court of Alberta.

Dr. Kristin F Yont, DMD'98, of Calgary, AB, is one of the NHL team dentists for the Calgary Flames.

Mr. Brent H Zettl, BSA'90, of Saskatoon, SK, is the recipient of the 2019 Startup Canada Entrepreneur of the Year Award for the Prairies from Scotiabank. ▼



2000s

Ms. Danielle B Byl, BFA'08, of London, UK, is the Operations Coordinator for Kensington Palace, and has been heavily involved in building the Wellness Programme for the palace.

Madam Justice Natasha D Crooks-Day, JD'04, of Saskatoon, SK, has been appointed a judge of the Court of Queen's Bench for Saskatchewan.

Judge Noah P Evanchuk, LLB'04, of Regina, SK, has been appointed a judge of the Provincial Court of Saskatchewan.

Dr. Charity D Evans, BSP'03, PhD'11, of Saskatoon, SK, is the recipient of the USask 2019 Provost's College Awards for Outstanding Teaching for the College of Pharmacy and Nutrition. ▼



Minister Nate J Glubish, BComm'04, of Sherwood Park, AB, was recently elected as Member of the Legislative Assembly. On April 30, 2019 he was appointed Minister of Service Alberta.

Ms. Andrea M Hansen, BComm'00, of Saskatoon, SK, received the Kent Smith-Windsor Leadership Awards in February 7, 2019 from the Raj Manek Foundation and the Raj Manek Mentorship Program 2019.

Ms. Brittany L Houk, BA'09, of Saskatoon, SK, was one of a team of organizers who created the first YXE Men's Night on April 10, 2019. The Men's Night was created by a grassroots group of Saskatoon citizens who wanted to address a spoken need within the core communities of the city for men and their basic needs for clothing, food, and personal hygiene products. ▼



Ms. Leah M Howie, BSc'05, BE'05, LLB'08, of Saskatoon, SK, has been elected to serve a three-year term (2019 - 2022) on the University of Saskatchewan Senate as a Member-at-Large. This is her second term.

Mr. Michael J Kurpjuweit, BEd'05, BMusEd'05, of Saskatoon, SK, is a 2019 recipient of the Prime Minister's Award for Teaching Excellence Certificate of Achievement.

Dr. Emily C Laidlaw, JD'02, (PhD), of Calgary, AB, has accepted a position of ethics advisor with the City of Calgary. She is also currently employed as an associate law professor with the University of Calgary.

Ms. Vanessa M MacCormick, MSc'09, of Saskatoon, SK, received the 2018-2019 USSU Instructional Support Award at the University of Saskatchewan on March 31, 2019.

Ms. Della M Magnusson, BSN'09, of Saskatoon, SK, received the 2019 YWCA Women of Distinction Award in Health and Wellness on May 14, 2019.

Mr. Tim M McLeod, BA'00, JD'04, of Moose Jaw, SK, has been acclaimed to serve a three-year term (2019 - 2022) on the University of Saskatchewan Senate as representative of District 2 (Chaplin-Moose Jaw-Rockglen).

Dr. Erick D McNair, MSc'06, PhD'09, of Saskatoon, SK, was awarded a Royal University Hospital Foundation Grant for his project entitled Biochemical Markers for Surgically-Induced Acute Kidney Injury.

Mrs. Sally R Meadows, BEd'04, of Saskatoon, SK, was awarded the 2019 Word Award for her poignant children's picture book, *The Underdog Duckling* on June 14, 2019. This is the sixth year Meadows has been shortlisted for The Word Awards and the second time she has won an award. In 2018 she won the short fiction category for her story, *A Blessed Christmas*. Meadows has also been previously shortlisted in the song lyrics category (2013, 2014 and 2017) and for her children's picture book, *The Two Trees* (2016). In

addition to her win this year, she was also shortlisted for her nature trivia book, *When Sleeping Birds Fly: 365 Amazing Facts about The Animal Kingdom*, and for her blog post, *Sally's Adventures in Puppyland: Week 24 Extreme Makeover: Reflections on 2018*.

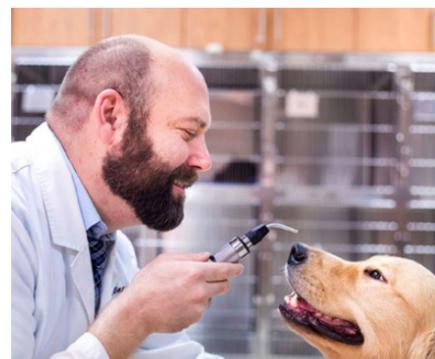
Ms. Karen E Mosier BA'00, MSc'04, of Saskatoon, SK, was the recipient of the Canadian Association of Research Administrators 2019 Community Builder Award.

Dr. Noelle K Rohatinsky, BSN'02, MN'08, PhD'13, of Saskatoon, SK, received the 2018-2019 USSU Teaching Excellence Award at the University of Saskatchewan on March 31, 2019. ▼



Mr. Justice Jerome A Tholl, JD'00, of Regina, SK, has been appointed a judge of the Court of Appeal for Saskatchewan.

Dr. Jonas M Watson, DVM'06, of Winnipeg, MB, was honoured with the Global Animal Welfare Award at the 2019 WVA/CEVA Global Animal Welfare Awards. ▼



Ms. Kim R Williams, BE'00, of Calgary, AB, was promoted to vice president EH&S/Regulatory/Security of Encana Services Company Ltd. on May 15, 2019.

Dr. Rob A Woods, BSc'00, MD'02, of Saskatoon, SK, was the recipient of the USask 2019 Provost's College Awards for Outstanding Teaching for the College of Medicine. ▼



2010s

Mr. Allan B Adam, BA'12, of Paddockwood, SK, has been appointed to the board of trustees of the Canadian Museum of Nature. ▼



Dr. Melissa M Arcand, PhD'13, of Saskatoon, SK, was the recipient of the SSHRC Indigenous Research Capacity and Reconciliation Connection Grant.

Mr. Aaron Bell, BSc'12, of Saskatoon, SK, was the recipient of the Queen Elizabeth II Centennial Aboriginal Scholarship. ▼



Ms. Kayla S Brien, BA'12, BA'13, of Saskatoon, SK, received the 2019 Saskatoon Young Humanitarian of the Year award on April 17, 2019 for working to build a respectful, peaceful and thriving culturally diverse community in Saskatoon.

Ms. Elaine A Kaloustian, MNGD'17, of Saskatoon, SK, has been appointed the Executive Director for the Saskatchewan Orchestral Association (SOA).

Dr. Kate E Lupton, DVM'12, of Lethbridge, AB, was honoured by the Canadian Veterinary Medical Association (CVMA) with its Small Animal Practitioner Award.

Mr. Kurt D Oatway, BSc'10, of Calgary, AB, was the recipient of the 2018 Male Athlete of the Year Award from Sask Sport Inc. ▼



Ms. Deeksha M Shetty, MSc'19, of Sainte-Anne-De-Bellevue, QC, earned the title Alltech Young Scientist in May 2019.

Mr. Marc R Usunier, MA'10, of Warman, SK, has been elected to the University of Saskatchewan Senate representing District 7 (Unity-Duck Lake-Watrous). This is a three-year term from July 1, 2019 to June 30, 2022.



Hundreds of USask alumni returned to campus **Sept. 20-21** and had a chance to revisit old memories and make new ones while reconnecting with the campus.



Share your story.

Tell us the recent highlights of your career, achievements and personal updates.

Your story will be shared online in class notes and may be published in the next issue or in college publications.

alumni.usask.ca/classnotes



Photography: Matt Smith

IN MEMORIAM

The Alumni Association has noted, with sorrow, the passing of the following graduates.

In Memoriam includes those who have passed prior to August 15, 2019. Names are listed by decade of receipt of their first USask degree.

Date of death and last-known address can be found online at greenandwhite.usask.ca.

1940s

Aikens, Clifford R, BEd'48, BA'49
 Benoit, Lionel C, BEd'49, BA'60
 Craig, Charles H (Harvey), BA'49
 Duncan, Ruth A (Daw), BA'44
 Elder, William O, BComm'48
 Franklin, Martha J (Keeseey), BA'40
 Fyfe, Warner J, BSP'49
 Gillstrom, Roger C, BE'49
 Houston, Mary I (Belcher), BA'47, Educ'48, BEd'50
 Johnson, Willis M (Merv), BSA'44, BA'46
 Maxted, Jeannette M (Gagne), BSP'46
 McFaul, Muriel I (Morrison), HEC'44
 Mckinnon, Marie A (Mainprize), BA'47
 Nichol, Margaret E (Eileen) (McGeough), BA'48
 Ready, William F, BA'48, JD'50
 Reynolds, James S, AGRIC'45
 Stephens, Audrey H (McEwen), BHSC'49, BEd'50
 Turton, Mary I (Irene) (Cronk), BA'44
 Wilde, Douglas H, BSA'47

1950s

Adams, Edward J (Jerry), BComm'57, BEd'64
 Arsenych, Stephen A, BA'53, LLB'56
 Berg, Clifden A, BE'52, MSc'53
 Bildfell, Marvin, BE'58
 Broudy, Albert, BSP'54
 Buchko, Orest, BSP'55
 Caldwell, Thomas D (Bobs), BA'54, LLB'57
 Collins, Streb, BComm'56
 Delparte, Donald G (Don), BE'58
 Emerson, Patricia L (Marcotte), BA'53
 Ewart, David A, BSA'50
 Joffe, Mona M (Robins), BA'52
 King, Muriel J (Joan) (Van), BComm'53
 Klopoushak, Stanley M, BEd'50, BA'59
 Kozicki, Paul, BE'56
 Leng, Marg M (Lambert), MSc'50
 Linklater, Allan C, AGRIC'50
 Lotts, Bruce C, BE'50
 Meneley, Robert A, BE'56, MSc'58
 Nesdoly, Samuel J, BEd'57, BA'59
 Pazdry, Patricia O (Pat), BSHEC'54
 Rudrick, Nicholas M (Nick), BSA'50
 Saddlemeyer, Keith O, LLB'56, BADMIN'69
 Salmon, Dorothy G (Gwen) (Chilton), NURS'57
 Sim, Norman E, AGRIC'50
 Smith, Lawrence E, BA'51, BSA'51
 Smith, Stanley R, BSA'55
 Stables, Nowell A, BComm'53
 Towill, Blair D, BA'52
 Tufts, Albert N, BE'54
 Tumak, Olga P (Olivia) (Budzinski), BSHEC'58
 Webb, Allan B, BE'53
 Webb, Jack A, BA'59
 Wittman, Benedict A, BEd'57, BA'62
 Youngs, Clarence G, MSc'53, PhD'57

1960s

Barnes, Robert W, BA'68, MD'72
 Borsa, William, BE'63
 Borycki, Walter M, BA'61, BEd'62
 Buchko, Iris J (Marsh), BA'62
 Bundgaard, Erik S, BE'66
 Craig, John G, BA'67
 Demetrick, Allan R, BE'65
 Dickie, Harvey W, BE'66, BSc'72
 Ferguson, Reginald G (Reg), BE'62
 Gajek, Richard F, BE'63
 Grogin, Esther R (Heidebrecht), PGD'68, MCEd'68
 Henderson, Charles L, BEd'66, BA'68, BComm'78, ARTS'78
 Hryciw, Harry M, BEd'66, BA'70
 Jones, Laura M (Cluff), BEd'67
 Kao, Kuo N, PhD'68
 Levesque, Maurice E, BEd'69
 Malley, Sharon N (Wheeler), BEd'67
 Mardis, Sharon J, BEd'66
 Molloy, William T (Tom), LLB'64, BA'64, LLD'09
 Nabozniak, John, BE'61
 Needham, Robert E (Errol), BA'65, BEd'66, DMD'74
 Pecover, Jack F, LLB'63
 Pedersen, John B, AGRIC'60
 Pidlisecky, Bohdan, BE'62
 Ramoutar, John B, BA'60
 Ramstead, Harvey R, BE'61
 Rongve, Karen M, BEd'66, BSc'70, PGD'73, MEd'78
 Samoleski, Allan J, BEd'68, BSc'71
 Sarich, Diane L (Fawcett), BA'67
 Scaddan, Wayne L, BComm'69
 Scott, Herbert M, BUSCER'60
 Steckhan, Gerhard G (Gerry), BA'66, MA'68
 Stinson, Kathleen H, BEd'62, BA'69
 Thompson, Hugh W, BSA'67
 Wakarchuk, Alexander, BEd'60, BA'63
 Wilson, Bryan W, BSc'69
 Winsor, Douglas M, BSA'68

1970s

Beck, Grant D, BE'77
 Broskie, Florence H (Herman), BEd'79
 Chudy, Lucy A, BEd'74
 Dougall, William W, AGRIC'75
 Gallop, Barrie K, BEd'78, PGD'89
 Heard, Thomas R (Roger), BEd'78
 Hough, John C, MSc'73
 Kaushik, Daya C, BEd'74
 Krawczyk, Edward K, BE'72
 Leier, Margaret L (Abells), BEd'73
 Linwood, Marjorie E (Blewett), BSN'75
 Livingstone, Richard A, BADMIN'71
 Lommer, Margaret A (Hudek), BEd'79
 Lozowchuk, Nykola, BUSADM'78
 McDonald, Donald G, BComm'74
 McDonald, Elizabeth M, BEd'76
 McKay, David R, BComm'79
 Olson, Ruth B, BEd'76
 Osborne, Janice J (Beattie), BSN'71
 Phenix, Edwin D (Ted), BSc'71, DMD'76
 Pinkerton, Sheila S, BA'70
 Powell, Esther A (Ziolkowski), BSN'72
 Rodgers, Fred, BEd'74
 Sanderson, Donald G (Don), BUSADM'78, BEd'80
 Sedgewick, Donald N, BSc'73, Sc'74
 Senkiw, William (Bill), BComm'71
 Taphorn, Alexis, BA'70
 Tzozos, Lilian P (Patty) (Benallack), BA'70
 Wine, Larry J, BSc'73, MD'78

1980s

Brouwer-Bauk, Louise A (Brouwer), DVM'81, MVetSc'84
 Dietz, Darcy A, BSc'89, DMD'93
 Galczyk, Bohdan W, BA'85, BSc'06
 Hodges, Sharon E (Heighes), BUSADM'82
 Kanak, Tammy R (Trulicz), BEd'87
 Laturnus, Wesley J, BA'85
 McCormick, Ronald, BMusEd'82, MEd'88
 McGee, Lynnette D (Lynne) (Fraser), BA'89, LSc'90
 McPhail, Myra E (Pearman), PGD'88
 Millichamp, Doreen G (Musack), HECADM'85
 Milligan, Catherine A, LLB'80
 Spencer, Gordon H, PGD'81
 Van Smeden, Jacobus, BUSADM'82

1990s

Bennett, Leslie A (Lougheed), BUSADM'94, LSc'98
 Currie, Marjorie E, BA'91
 Derksen, Darryl R, BUSADM'92
 Downs, Barry G, BUSADM'97
 Engel, Gordon A, BSA'96
 Irvine, Kenneth D, BA'90
 Klauer, Joanne M, LLB'93
 Kraay-Hofman, Gerardina A (Kraay), BA'96, MA'02
 Lawless, Robert W, BSA'92
 Listwin, Craig J, BA'91, BComm'95
 Reese, Alan W, PhD'92
 Shokeir, Marc O (Omar), MD'91

2000s–2010s

Graf, Clayton J, BE'18
 Walsh, Tom J, BComm'16

FACULTY AND STAFF

Brown, Eleanor M (Dingwall)
 Buck, Arnold L
 Coleman, Leslie C
 Grogin, Esther R (Heidebrecht)
 Habbick, Brian F
 Hodges, Sharon E (Heighes)
 Leung, Man-Kam
 Linwood, Marjorie E (Blewett)
 Llewellyn, Cheryl M (Davis)
 Mark, Dave P
 Miller, Mack
 Molloy, William T (Tom)
 Reese, Alan W
 Schellenberg, Helen
 Webster, Matthew
 Wilson, Bryan W
 Wormith, J S (Stephen)

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