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CONVOCATION CELEBRATION

This year's Fall Convocation will be held on a new day as the University of Saskatchewan's graduation ceremonies move to Merlis Belsher Place on Wednesday, Nov. 13. In this edition of *On Campus News*, we take a look at the major award winners, as well as the honorary degree and earned doctorate recipients. OCN also chats with a trio of bachelor's, master's and PhD students who share their stories with us prior to receiving their degrees at Fall Convocation.

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ACADEMIC ALL-CANADIANS

On Campus News is published 12 times per year by University of Saskatchewan Marketing and Communications. It is distributed to all USask faculty, staff, graduate students and members of governing bodies, as well as to others in the university community, related organizations, some Saskatchewan government officials and news media.

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On Campus News aims to provide a forum for the sharing of timely news, information and opinions about events and issues of interest to the USask community.

The views and opinions expressed by writers of letters to the editor and viewpoints do not necessarily reflect those of USask or *On Campus News*.

We acknowledge we are on Treaty 6 Territory and the Homeland of the Métis. We pay our respect to the First Nation and Métis ancestors of this place and reaffirm our relationship with one another.

EDITOR
James Shewaga

WRITER
Chris Morin

DESIGNERS
Brian Kachur
Pierre Wilkinson

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Return undeliverable addresses to:

UNIVERSITY OF SASKATCHEWAN
MARKETING AND COMMUNICATIONS
G16 THORVALDSON BUILDING
110 SCIENCE PLACE
SASKATOON, SK S7N 5C9

Email: news@usask.ca

Rebranded co-operatives centre focused on future

JEN BUDNEY

More than 50 co-op practitioners and researchers gathered on October 16 during Co-op Week to celebrate the 35th anniversary of the newly rebranded Canadian Centre for the Study of Co-operatives at the University of Saskatchewan.

The celebration marked a new strategic vision of the centre (formerly known as the Centre for the Study of Co-operatives), under the leadership of Dr. Marc-André Pigeon (PhD).

“I think these values hold great appeal for the youngest generation of co-op practitioners and researchers, the millennials and Generation Z,” said Pigeon. “The Canadian

Centre for the Study of Co-operatives is looking ahead to the next 35 years, and while we are focused on important bread-and-butter policy and operational questions of taxation and co-operative governance, we’re also looking at broader issues of sustainability, innovation, and economic justice, to articulate the role for co-operatives in solving problems in these areas.”

Melissa Hoover, founding executive director of the American non-profit Democracy at Work Institute—a national organization dedicated to building the field of worker co-operatives—came from San Francisco to deliver the keynote



Dr. Marc-Andre Pigeon (PhD) is the director of the Canadian Centre for the Study of Co-operatives at USask.

DAVID STOBBE

speech. She stressed the need for co-operative organizations to focus as much on co-operative values as economic returns in an era of ever-widening economic inequality, ecological crisis, and political unrest.

“The key lesson of co-operatives is to avoid polarizing approaches to problem solving,” she stated. “Economics can’t be separated

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IN CASE YOU MISSED IT

A lot happens at the USask during the weeks when *On Campus News* isn’t published. Here are a few of the top stories from news.usask.ca:

VIDO-InterVac MOU Mining mentors

USask’s VIDO-InterVac and South Korea’s International Vaccine Institute (IVI) have signed a memorandum of understanding (MOU) to share expertise and best practices in vaccine development to benefit human and animal health globally. The MOU, signed in Seoul by USask President Peter Stoicheff, VIDO-InterVac Associate Director Paul Hodgson, and IVI Director General Jerome Kim, establishes a formal scientific exchange program between the two organizations in infectious disease research and vaccine development, and enables students, post-doctoral fellows and scientists to complete training and learning exchanges. Saskatchewan Premier Scott Moe was on hand to witness the signing ceremony.

With a \$133,000 investment from Saskatchewan mining companies through the International Minerals Innovation Institute, USask is partnering with the Saskatoon Tribal Council on a mentorship program for Indigenous women. MentorSTEP supports Indigenous women to pursue STEM and mining-related business, health, and environmental disciplines. MentorSTEP brings together members of Saskatchewan’s mining community, matched as mentors to young Indigenous women at USask pursuing a variety of STEM and related degrees. As well, Indigenous high school girls from Saskatoon and participating First Nation partner schools will engage with USask student mentors.

Award for Kochian Beef Industry Chair

Dr. Leon Kochian (PhD), Canada Excellence Research Chair at the University of Saskatchewan (USask), has won the 2019 Arrell Global Food Innovation Award for global excellence in food innovation. Adjudicated by internationally recognized scientists, the award from the Arrell Food Institute at the University of Guelph recognizes global research leaders who have made exceptionally significant contributions to scientific understanding that will improve food security for the planet. The award carries a \$100,000 cash prize. Kochian is associate director of the USask Global Institute for Food Security and a faculty member in the College of Agriculture and Bioresources.

Dr. Gabriel Ribeiro (DVM), the new Saskatchewan Beef Industry Chair at the University of Saskatchewan (USask), will be developing nutritional strategies to improve health, performance and profitability, while lessening the environmental impact of beef cattle production. The chair will help to identify technologies and nutritional and management practices to improve the sustainability and productivity of forage-based and feedlot beef cattle production systems. Ribeiro is working with two graduate students in the Department of Animal and Poultry Science. His research includes rumen in vitro fermentation systems, beef cattle metabolism and feedlot nutritional studies.

FOR MORE UP-TO-THE-MINUTE NEWS, VISIT: news.usask.ca @usask

PEOPLE OF THE PLAN

The University of Saskatchewan's new seven-year plan through to 2025 is entitled *The University the World Needs* and has been gifted Indigenous names *nikānitān manācihitowinihk* (Cree) and *ni manachihitoonaan* (Michif), which translate to "Let us lead with respect." In each issue of *On Campus News* in 2019, we take a closer look at the 12 major goals of the new plan by profiling individuals involved in the university's commitment to Courageous Curiosity, Boundless Collaboration and Inspired Communities. In this issue, we chat with Dr. Jay Famiglietti (PhD), executive director of USask's Global Institute for Water Security.

COMMITMENT: INSPIRED COMMUNITIES
(Inspire the world by achieving meaningful change with and for our communities)

GOAL: CELEBRATE STORIES
(Equip all members of our community with the tools and opportunities to share and propagate the university's knowledges, successes, and stories—locally and globally)

Jay Famiglietti: Inspiring communities

JAMES SHEWAGA

Whether it is at the White House or the United Nations, in the community or in the classroom, Dr. Jay Famiglietti (PhD) is committed to communicating the science of discovery.

A former NASA Jet Propulsion Laboratory scientist and a world-leading hydrology researcher, Famiglietti joined the University of Saskatchewan (USask) in 2018 as the Canada 150 Research Chair in Hydrology and Remote Sensing and as the executive director of the Global Institute for Water Security—the No.1-ranked institute for water research in the country.

Leading a research group that accesses advanced satellite data to track changes in freshwater availability around the world, Famiglietti firmly believes it is the responsibility of researchers to actively reach out to share their findings with local and global audiences—a key commitment in USask's new university plan to inspire communities and to be *The University The World Needs*.

"Faculty members have the privilege to do this research, to see some of the satellite data for the first time and to do whatever it is that we want to do, and with that privilege I think comes the



Dr. Jay Famiglietti (PhD) is the executive director of the Global Institute for Water Security and the Canada 150 Research Chair in Hydrology and Remote Sensing at the University of Saskatchewan.

DAVID STOBBE

responsibility of communicating and explaining why it is important," said Famiglietti, who is also a professor of hydrology in USask's School of Environment and Sustainability and in the Department of Geography and Planning. "It's time for us to engage, and to engage deeply."

Famiglietti certainly does his part, testifying before Congress and participating in White House,

Pentagon, State Department and United Nations briefings on groundwater issues, drought forecasts and climate change. He also regularly shares research findings with the general public through speaker series like the recent *TEDxUSask* event, as well as with major media outlets, from the likes of *The Globe and Mail*, *The New York Times* and *The Washington Post*, to network

TV appearances with the CBC, BBC, CNN, CBS, NBC, HBO and PBS.

What Famiglietti's team's research confirms is that freshwater availability and sustainability is not only a growing global crisis in drought-stricken parts of the world, but increasingly concerning in areas of North America as well.

"In many parts of the world, especially in the mid-latitude parts

of the world, water is going to be increasingly scarce, especially in our groundwater aquifers," he said. "Those are being overtaxed and pumped at an unsustainable rate and so that will pose major threats for water availability, water security and food security as well ... In many parts of the U.S. and probably in Canada as well, we are past that time when you don't have to worry about it. We are at a time when we do need to think about it, so that is why the education part of it is so important. It is absolutely essential that we engage with the community."

Famiglietti said it was USask's commitment to world-leading hydrology research and the government's strong support of that work, that brought him north from California to Saskatchewan last year.

"It might not be well-known publicly that there has been this huge investment in water and hydrology at USask, but we certainly know in the hydrologic community," he said. "It's the investment, it's the resources, it's the support and the confidence in the information that scientists are bringing to the table; those are all things that brought me here." ■

HMCS Margaret Brooke: Honouring heroism

JAMES SHEWAGA

Seventy-seven years ago, in the icy waters of the North Atlantic, Dr. Margaret Brooke (PhD) survived a terrifying torpedo attack by a German submarine in the middle of the night.

Her act of heroism in trying to save the life of a fellow Royal Canadian Navy nurse on that frigid October night during the Second World War earned the University of Saskatchewan (USask) alumna the distinction of becoming the first woman to have a Canadian navy ship named after her.

The HMCS Margaret Brooke—currently under final construction in the shipyards in Halifax—is expected to be launched in the next few months, honouring the courage and legacy of a woman who inspired future generations to serve their country, including Commander Michelle Tessier, who will be the first commanding officer of the new offshore patrol vessel bearing Brooke's name.

"The more I learn about LCdr./ Dr. Brooke, the more I realize how strong and resilient a person she was," said Cdr. Tessier. "She showed determination, strength and courage in all she did, whether it was her education, her work, or

in the face of unthinkable danger. I have had the honour of meeting two of her nieces, Margaret (who is the ship's sponsor) and Allison, who clearly view their aunt as a role model. So, in everything I do representing the ship that will bear her name, I aim to do



Dr. Margaret Brooke (PhD) attended USask before and after serving in the Royal Canadian Navy in the Second World War.

it in a way that honours her memory and makes her family proud."

Prior to her passing, Brooke learned in 2015 that a new ship would be named in her honour for her actions on the night of Oct. 14, 1942. Brooke was travelling aboard the ferry *SS Caribou*, which was attacked and struck by a German torpedo off the coast of Newfoundland at 3:14 am, and quickly sank 1,500 feet to the murky depths of the Atlantic just five minutes later.

Only 101 of the 237 passengers

aboard survived, including Brooke, who desperately clung to a fellow navy nurse sister Agnes Wilkie for hours with one arm while hanging on to an overturned lifeboat with the other. Hypothermia soon rendered Wilkie unconscious, but Brooke held on to her in the choppy seas until daybreak before a large wave crashed into the lifeboat and swept her friend away.

In 1943, Brooke was named a Member of the Order of the British Empire for her "gallantry

and courage whilst in the water in attempting to save the life of another nursing sister." Brooke, who was born in 1915 in Ardath, Sask., would continue to serve 20 years in the navy, rising to the rank of Lieutenant-Commander before returning to Saskatoon to continue her education at USask.

Brooke, who earned a health science degree prior to the war, came back to campus to earn a bachelor's and then PhD in paleontology and served as an instructor and researcher in USask's Department of Geological Sciences until retiring in 1986. During her time on campus, Brooke co-authored a number of influential geological papers, and yet rarely spoke about her service during the war.

"Her PhD supervisor once told me that in all the time working

together at the University of Saskatchewan, he never knew what had happened to her during the war, let alone being a decorated veteran," said Tessier.

"The fact that she was made a Member of the Order of the British Empire—an honour only 2,700 Canadians have ever received—speaks volumes. I am nowhere near the trailblazer or role model she was, but I am proud to have a platform to encourage people to embrace their passions and do what they love, because they live in a country that lets them do that. If it weren't for women like LCdr. Brooke, I wouldn't be where I am today."

Brooke, who was named an Alumni of Influence by the College of Arts and Science in 2018, passed away on Jan. 9, 2016 at the age of 100. 🍀

REMEMBRANCE DAY SERVICE AT USASK

The University of Saskatchewan (USask) will host its annual Remembrance Day service on campus on Monday, Nov. 11 at 1:30 pm.

USask's afternoon service—scheduled to follow the City of Saskatoon's annual morning Remembrance Day ceremony at SaskTel Centre—will again be held at the historic Memorial Gates, located on campus at the corner of College Drive and Hospital Drive.

The service honours all those who have served and continue to serve our country in the Canadian Armed Forces. The ceremony has been held at the university for more than 90 years and members of the campus community and the general public are encouraged to attend.

Immediately following the Remembrance Day service, a reception will be held at Louis' Loft, located upstairs in the Memorial Union Building.



ALUMNI SPOTLIGHT

Every month in *On Campus News*, we highlight an exceptional graduate of the University of Saskatchewan in our Alumni Spotlight feature. In this edition, as we approach Remembrance Day, we chat with Captain Sheldon Maerz of the Canadian Forces about his 30 years of service to his country.



University of Saskatchewan alumnus Capt. Sheldon Maerz (right) served multiple tours of duty with the Canadian Forces overseas in Afghanistan and Croatia.

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Capt. Sheldon Maerz: Importance of remembrance

 KATIE BRICKMAN-YOUNG

Joining the military always felt like a calling for Capt. Sheldon Maerz.

The Langham resident and University of Saskatchewan (USask) alumnus (BSA'86) has spent the past three decades in the Canadian Forces and completing four tours of duty overseas as part of the Princess Patricia's Canadian Light Infantry regiment.

"I love history, I love Canada, and I wanted to do something bigger than myself," said Maerz.

Born into a farming family near Saskatoon, Maerz studied agriculture at USask because his older brothers had as well. But it was his father's life that led him to a career with the military.

"Agriculture was to appease my parents," he said. "Part of the interest in the military is that my father was a World War II veteran."

After graduation, Maerz worked

for three years in the private sector before joining the military as a direct entry officer.

Having a degree and the experience of his post-secondary years helped Maerz greatly as he changed careers.

"I enjoyed my time at the University of Saskatchewan and being a farm boy, getting my education here and then joining the military," he said. "By that time, I had a wealth of life experiences, and I always felt that I could relate to my soldiers better."

Maerz joined the military in 1989 and his first deployment was to Croatia in 1993 for seven months to help with peace-keeping efforts during the conflict in the former Yugoslavia.

After coming back from



Maerz

Croatia, Maerz left the military for a couple of years to do something different.

But when 9/11 happened, Maerz felt the calling once again to come back to the Canadian Forces and

help with the mission in Afghanistan.

"None of us could see into the foggy crystal ball of what was coming," he said.

He did a six-month tour in 2006, which extended into an additional three-month tour. In 2008, for six months, he worked with 22 Canadians and 166 Afghans to train them as police officers in Kandahar Province.

"It was extremely rewarding and it was one of the best things I did," Maerz said.

Over the course of those six months, the Canadians and Afghan soldiers fought together, and saw one another as brothers.

"The Afghans are very forgiving and hospitable people," he said.


After wrapping up his tour in

October 2008, Maerz moved into a role as a military career counsellor with the Canadian Forces.

Over the course of the Afghanistan War, 158 Canadian soldiers died and more than 1,800 were wounded.

"I served 16 months and of the 158 dead, 54 died while I was there. Some I knew very well," he said.

It is his fellow soldiers, his father and those who fought that are on his mind on Remembrance Day.

"For me, I think about all the people I have direct connections with," Maerz said. "I remember my father, my father's friends who were servicemen, and all that they sacrificed." 

Katie Brickman-Young is a communications officer in Alumni Relations.



2019 Fall Convocation

More than 900 degrees, diplomas and certificates will be awarded to University of Saskatchewan (USask) students at the annual Fall Convocation ceremonies on Wednesday, Nov. 13 at Merlis Belsher Place.

In addition to celebrating USask student excellence and awarding degrees to graduates at the 9 am and 2 pm ceremonies, a number of prestigious faculty awards will also be announced, including the Master Teacher Award and the Distinguished Researcher Award. The university will also award an honorary degree as well as an earned doctorate at this year's convocation celebration.

Here is a look at this year's major recipients:

GRAHAM GEORGE Earned Doctor of Science

Dr. Graham George (DPhil), Canada Research Chair in X-ray Absorption Spectroscopy and professor in the Department of Geological Sciences in the College of Arts and Science, will be presented the prestigious Earned Doctor of Science degree at Fall Convocation.

This is only the second time since 2012 that an earned doctorate has been awarded at the University of Saskatchewan (USask), and only the 38th in the 112-year history of the university. The earned doctorate is reserved for USask faculty and alumni who have made substantial and sustained contributions to scientific or artistic knowledge, with the nominee's body of work extensively reviewed by a global panel of leading researchers.

An innovative and influential international leader in synchrotron science, George's groundbreaking research has



contributed to advances in multiple fields, from molecular toxicology and environmental science, to fuel chemistry and bioinorganic chemistry. Combining chemistry, computational methods, biology and synchrotron tools, George has increased our understanding of how living things use metals to drive

the chemistry of life. His work has broad impact, with potential for improved health for millions of people in the developing world.

The earned doctorate is the latest in a long list of accolades during George's distinguished career as a world-class researcher at USask. George received the 2018 Farrel W. Lytle Award for outstanding contributions to synchrotron science at the Stanford Linear Accelerator Center. George, who joined USask from Stanford University in 2003 to conduct research at the Canadian Light Source national research facility, was also inducted as a Fellow of the Royal Society of Canada in 2016, and earned the university's Distinguished Researcher Award in 2014. George completed his bachelor's degree (King's College, London) and Doctor of Philosophy (University of Sussex, Brighton) in England, and earned an American Chemical Society Award in 1990.



NAZEEM MUHAJARINE Distinguished Researcher Award

Dr. Nazeem Muhajarine (PhD), professor and former head of the Department of Community Health and Epidemiology at USask, is one of Canada's most accomplished population health researchers and has been a driver of change to promote better health for more than two decades.

Muhajarine leads a Global Affairs Canada program in Mozambique focusing on reducing maternal mortality and improving infant health, and played a major role in the development of the Canadian Index of Wellbeing, co-authoring its Healthy Populations report (2010). He is the recipient of multiple awards, including the Saskatchewan Health Research Foundation's Achievement Award (2009) and the Canadian Institutes of Health Research Knowledge Translation Award (2006).

Muhajarine is the author of a prolific body of publications, including 153 peer-reviewed papers, 22 book chapters, two peer-reviewed books, and 70 technical reports. He was instrumental in establishing two highly successful research units of national significance at USask—the Community-University Institute for Social Research, and the Saskatchewan Population Health and Evaluation Research Unit, for which he currently serves as director.



PATRICIA DOWLING Master Teacher Award

Dr. Patricia Dowling (DVM) is a professor in the Department of Veterinary Biomedical Sciences at the Western College of Veterinary Medicine at USask. She is a passionate and innovative teacher of undergraduate veterinary students, graduate veterinary students, graduate students and practicing veterinarians.

Her primary field of expertise is clinical veterinary pharmacology (the study of how drugs are used to treat animal diseases). Dowling's innovative teaching style has had a significant impact on a generation of veterinarians in Western Canada.

Professor Dowling has pioneered the use of bringing clinical class material into the classroom and more recently has been at the forefront of using the "flipped classroom" model to ensure that her students understand how to make a logical decision regarding therapeutic choices.

Dowling has also developed the course "Mindful Veterinary Practice" to teach mindfulness techniques to veterinary students and has been instrumental in developing a thinking critically course open to all graduate students, a required component of the university's Graduate Professional Skills Certificate that Dowling supports as a learning coach.

JEFFERSON (JEFF) MOONEY Honorary Doctor of Laws

A renowned business leader, philanthropist and volunteer, University of Saskatchewan (USask) alumnus Jefferson (Jeff) Mooney (BA'66) has distinguished himself in the boardroom and in the community.

Mr. Mooney studied history and philosophy at USask and subsequently graduated from the Advanced Management Program of the Harvard Graduate School of Business. He went on to lead one of the country's most successful restaurant chains, joining A&W Food Services of Canada Inc., 46 years ago and going on to serve 14 years as president and chief executive officer. Under his leadership, A&W developed a distinctive corporate culture and successful business model that now features more than 980 restaurants coast-to-coast.

His business acumen has been



matched by his community contributions as a generous supporter and volunteer with numerous charitable and community organizations, including the Rick Hansen Foundation, Covenant House Vancouver, Boys and Girls Club, and the YWCA Futures Bursary Program.

Mr. Mooney and his wife Suzanne Bolton sponsor scholarships at a number of universities across North America, with Mr. Mooney also serving six years on the Board of Directors of the 2010 Winter Olympic Games in Vancouver.

Born in Regina, Mr. Mooney has earned a lengthy list of awards for his success in business as well as his volunteerism and philanthropy, including being named a member of the Order of Canada in 2019, receiving one of the country's highest civilian honours recognizing Canadians for outstanding achievement, dedication to the community, and service to the nation. In 2009, he was one of the first 100 individuals to be honoured with a USask College of Arts and Science Alumni of Influence award. Mr. Mooney was inducted to the Business Laureates of B.C. Hall of Fame in 2015, and received the Queen Elizabeth II Golden Jubilee Medal in 2002.

Convocation and new destinations

 JAMES SHEWAGA

From the honour roll to acting roles, Katelyn Wiersma has switched gears from academics to auditions.

The 23-year-old University of Saskatchewan (USask) student headed to Hollywood to pursue opportunities in the entertainment industry after completing the final courses of her Bachelor of Arts degree in psychology in the spring semester. Wiersma, who has previously studied and worked in theatre and was considering signing with a talent agency in Los Angeles, plans to return to Saskatoon to take part in Fall Convocation at Merlis Belsher Place on Nov. 13.

“I think it is going to be a really sentimental moment, just looking back at all of the highs and lows and adventures that I was able to go on,” said Wiersma, who graduated with an academic average of 91 per cent. “It will be a little bit of a closing of a chapter of four of the best years of my life, so I think it will be a bitter-sweet moment for sure.”

Wiersma made the most of her

time at USask, taking advantage of Study Abroad opportunities by spending semesters at universities in Australia and England, moves that offered experiences to last a lifetime.

“For me, there was a lot of anxiety moving to Australia and moving to the U.K., but just taking the leap of faith and jumping in with both feet, that led to two of my greatest years,” said Wiersma, who used her overseas opportunities to visit 18 countries in total. “It completely changes your perspective on how you see the world and how you want to live your life and I think I definitely gained a greater appreciation for different cultures and the importance of diversity. It was definitely life-changing.”

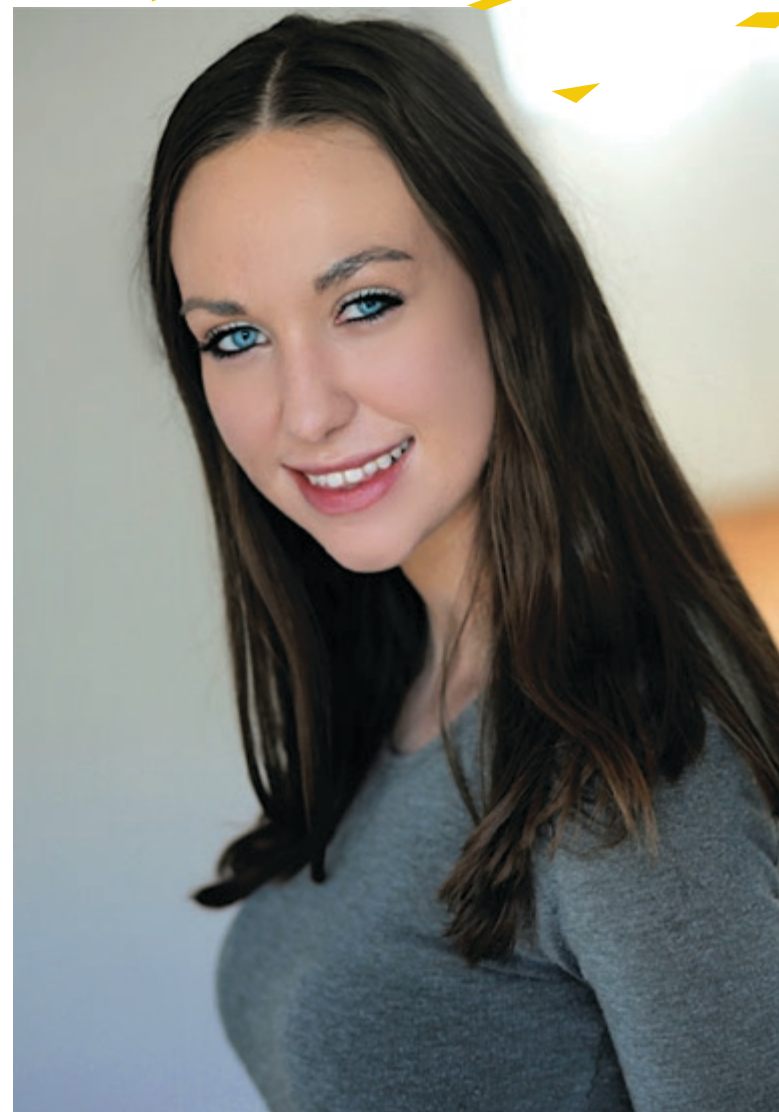
Wiersma’s latest adventure has taken her to California, where she wants to spend a year pursuing an acting career before beginning her master’s program overseas.

“I thought long and hard about what my next steps should

be following my graduation from the University of Saskatchewan,” said Wiersma, who grew up in Vancouver and spent a year in the acting conservatory at York University before transferring to USask to study psychology. “This year is all about exploration and trying and failing, and trying again, because that’s how we learn.”

Wiersma relished her time on campus at USask, making the Dean’s Honour Roll three years in a row, and earning multiple scholarships, including a Canada 150 Scholarship. Among her favourite memories are her time spent with the likes of Department of Drama Professor Carol Greyeyes, co-ordinator of the *wicêhtowin* Theatre Program, as well as classes with psychology professors Dr. David Lane (PhD) and Dr. Mark Olver (PhD).

“USask was really challenging at times for me and it really pushed me to be my very best and I think especially when it came to my



Katelyn Wiersma has gone from University of Saskatchewan to Hollywood, with Oxford next up on her list of destinations.

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psychology courses and completing real-life assignments,” she said. “Whether it be community service learning, or developing research

reports—things that you would do as an actual psychologist—I think that really did prepare me well for the future.”

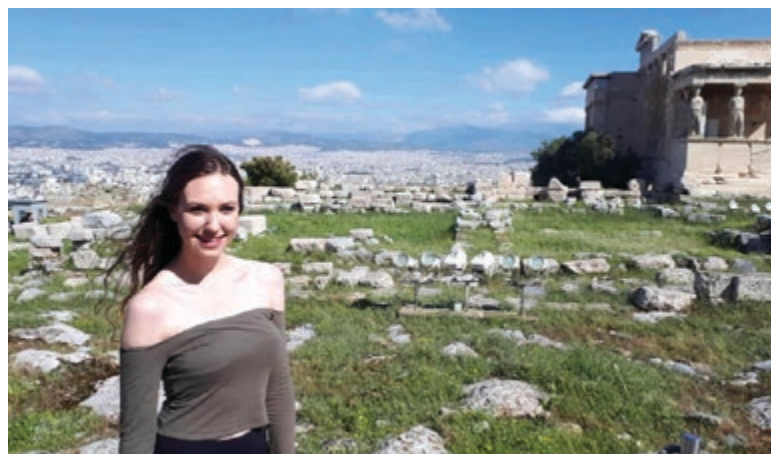
Indeed. Wiersma’s success at USask helped set her up to be accepted to take graduate studies at the University of Oxford and plans to return to England in the fall of 2020 after taking a one-year deferral before beginning her Master of Science in Criminology and Criminal Justice.

“I am so excited about it. It was a shock to get accepted and I didn’t expect it at all, so I am very happy that I applied for it,” she said. “I plan on doing my thesis on combatting sex crimes, which I think is one of the most pressing issues in criminology today.”



USask’s Katelyn Wiersma visited the White Cliffs of Dover in February during a Study Abroad semester in England.

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USask’s Katelyn Wiersma made the most of her Study Abroad opportunities to visit Athens, Greece in April.

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Academic path leads LaFleur around world

✍ JAMES SHEWAGA

Jamie LaFleur's road to convocation has featured a few stops and starts and twists and turns, but most importantly, a long list of life-changing experiences.

The 31-year-old University of Saskatchewan (USask) honours student in anthropology from the Lac La Ronge Indian Band graduates with a bachelor's degree at Fall Convocation, and is already working on her next degree—a master's in community health and epidemiology.

A cornucopia of courses and countries—studying geology, kinesiology and anthropology, along with trips to New Zealand, Norway, South Africa, Thailand and Ukraine—have helped LaFleur find her true calling.

"I was always interested in health and well-being, which is one of the reasons that I wanted to go into kinesiology," said LaFleur. "But I just realized that it was way more fulfilling for me to focus on Indigenous social determinants of health, especially within Saskatchewan."

LaFleur started studying geology at USask in 2006/07, but left school to work full time, later moving to New Zealand where she became a certified personal trainer. She returned to university to take kinesiology, but became fascinated with her elective courses in anthropology, which quickly became her new passion. LaFleur's studies took her to Africa, Asia and Europe as she experienced new cultures and traditional healing around the world and now speaks six languages: Cree, English, Norwegian, Russian, Thai

and Ukrainian.

"I was always interested in health and medical practices globally and being able to experience that just opened my eyes to different modalities that people use to address their health issues," said LaFleur, who earned a USask Indigenous Student Achievement Award for Research in Health Sciences in 2018, after being nominated by one of her first professors on campus, Dr. Ulrich Teucher (PhD) in psychology. "Biomedicine can't do absolutely everything for everyone and just finding a lot of parallels between Indigenous medicine here and other Indigenous Peoples world-wide, has been really interesting."

It was USask's study abroad program that presented the proverbial passport to the world for LaFleur.

"It's such a valuable experience, especially when you have all the resources that we have here at this university," said LaFleur, whose experiences abroad included getting married in Norway on a bikepacking tour with her husband Morgan in 2016.

"It's something everyone should experience," she added. "You go to any country in the world and you come back to Canada and you realize that there are these same communities that live within Saskatchewan. You learn more about the cultural mosaic, as some people say, and it gives you a better understanding of where you're living in Canada."

In addition to the scholarships that helped fund her study abroad opportunities—a total of



University of Saskatchewan master's student Jamie LaFleur of the Lac La Ronge Indian Band, in the Gordon Oakes Red Bear Student Centre.

✍ JAMES SHEWAGA

\$71,000 highlighted by the prestigious \$50,000 High North Scholarship from the Arctic University of Norway for academic achievement—LaFleur is grateful for the supports that are now available for Indigenous students on campus, as well as guidance she received from her professors.

"I don't think that I would be as strong of an academic or as strong of a person, if it wasn't for my professors in anthropology," said LaFleur. "They have given me so much during these past four years and I am just very thankful, especially my supervisor (Dr.) Jim Waldram (PhD). I love that department so much that I couldn't leave it, so I asked my master's supervisor, Dr. (Sylvia) Abonyi (PhD), to make me an interdisciplinary master's student. So, I am taking half my courses in anthropology and half in epidemiology. I get to have my cake and eat it, too."

LaFleur's concern for community is reflected in her work in the hemodialysis department at

St. Paul's Hospital and as a volunteer at the Student Wellness Initiative Towards Community Health (SWITCH) free health clinic. On campus, she served as co-ordinator of the Building Bridges program, which brings Indigenous and international students together.

In the future, she wants to support Indigenous patients in the health care system.

"When I am at the hospital and the SWITCH clinic, other Indigenous people recognize me as

being Indigenous and that makes a big difference," said LaFleur, who currently serves as a research assistant with the Canadian Institute of Health Research at USask. "There are so few of us working in health sectors and just having that familiarity and that cultural safety makes a difference for them. So, that's something that is definitely important to me, is improving representation within the health sectors and creating safe spaces for Indigenous patients." 🍀



USask's Jamie LaFleur (centre) climbed Mount Toubkal in Morocco in 2016 and planted her band flag at the summit.

✍ SUBMITTED

From government to graduate school

✍ ERICA SCHINDEL

Leaving a steady and rewarding career in government for graduate school at the University of Saskatchewan (USask) was a difficult choice, but it is one decision that Privilege (Priva) Haang'andu counts himself privileged to be able to make.

As a political specialist for the U.S. State Department embassy in Lusaka, Zambia, Haang'andu spent three years conducting research and providing advice to the American government on Zambian policy issues.

"Most requests from Washington, D.C., regarding political and economic advice on Zambia, would come across my desk," said Haang'andu. "This included researching and drafting congressional reports on topics ranging from human rights to international religious freedom to child labour."

Although this type of work was exciting and helped him fine-tune his research interests, Haang'andu always knew that he was destined to enter academia.

Having completed a master's degree in political science from Marquette University in Wisconsin, he looked across North America to find an interdisciplinary doctoral program. Although he considered several programs in Ontario, he was ultimately drawn to the Johnson Shoyama Graduate School of Public Policy (JSGS) at USask.

"Of all the places I looked, the JSGS was the most diverse and I was profoundly attracted by the research strength of the faculty," said Haang'andu, who will receive his PhD at USask Fall Convocation on Nov. 13.

With former USask professor Dr. Daniel Béland (PhD)—now at

McGill University—serving as his supervisor, Haang'andu embarked on an academic journey in which he completed his doctoral program in three years—a record at JSGS.

"He is one of the best students I have ever supervised," said Béland. "Not only is he extremely smart, but he is also passionate about both intellectual life and concrete social and policy change on the ground. Priva is an outstanding student who will truly make a difference in the world, in Canada and well beyond."

Haang'andu credits his advisor, and now friend and co-author, with introducing him to the real world of being a scholar.

"Daniel was a committed and thorough advisor. I could send him 100 pages to read in the morning; by that evening, he got back to me with notes and comments on every page," said Haang'andu. "He encouraged me to immerse myself in information, and to work really fast and hard—to excel beyond what I had imagined."

Haang'andu moved from Zambia to Saskatoon with his wife, three-year-old daughter, and three-month-old son and had to find a new work-life balance. The added challenge makes his accomplishment that much more rewarding.

"It was not easy," he said. "Often my wife would be at work, and I'd be writing my dissertation at the park with my kids. I made it work and was even able to produce seven publications during this time."

Having grown as a scholar, Haang'andu was encouraged to apply to teach an upper-year political studies class, the first time he taught a Canadian course to Canadian students.

“Of all the places I looked, the JSGS was the most diverse and I was profoundly attracted by the research strength of the faculty.”

— Privilege (Priva) Haang'andu

Former Johnson Shoyama Graduate School of Public Policy student Privilege (Priva) Haang'andu will celebrate his PhD at USask Fall Convocation.

"You get to a point where you have over-winning confidence, you have read so much that there is no situation that is scary," he said.

That confidence, combined with support and guidance from the Gwenna Moss Centre for Teaching and Learning and mentorship from Dr. Joe Garcea (PhD), ensured that Haang'andu would have a rewarding experience with his 60+ students.

Haang'andu is now taking a well-earned break from academia. As Development and Peace Caritas Canada's regional manager in Saskatchewan and Keewatin-Le Pas, he is educating people in grassroots organizations on climate change and the need to conserve nature, particularly as it relates to the effect of deforestation in the Amazon and the balance on the ecosystem. Although it is not public policy work in the traditional sense, Haang'andu still finds himself entrenched in policy issues.

"As a policy school, JSGS's interdisciplinary nature prepares you to be whatever you want to be," he said. "Here, you engage with the literature, ideas, and concepts to the extent that you want to narrate your own story, to engage with your arguments and

perspectives. If you have a passion and the right institution, with the right support and supervisor and committee, you can accomplish anything." 🍀



ERICA SCHINDEL

Erica Schindel is the communications and marketing specialist in the Johnson Shoyama Graduate School of Public Policy at University of Saskatchewan.



UNIVERSITY OF SASKATCHEWAN

Congratulations

to the following retired faculty and administrators who received awards from the University of Saskatchewan Retirees Association on September 23, 2019.

PRIME OF LIFE ACHIEVEMENT AWARDS

Dr. Winfried Grassmann, Computer Science, College of Arts & Science
Dr. Dennis Johnson, Pharmacology, College of Medicine
Dr. Gordon Johnson, Pharmacology, College of Medicine

CONTINUING CONTRIBUTION AWARDS

Dr. Vera Pezer, Student Affairs and Services and Chancellor Emerita
Dr. Ron Verrall, Chemistry, College of Arts & Science

HONORARY LIFE AWARDS

Dr. Asit Sarkar, Management and Marketing, Edwards School of Business
Dr. Ken Smith, Marketing, College of Commerce, and Registrar Emeritus

USRA, 221 Cumberland Avenue North, Saskatoon SK S7N 1M3
ss.usra@usask.ca, <https://usra.usask.ca>

Keep sleep a priority: Edwards professor

CHRIS MORIN

If you've ever been faced with the choice between sleep or study, you might be better off hitting the hay instead of hitting the books.

That's according to University of Saskatchewan (USask) Edwards School of Business professor Dr. Erica Carleton (PhD), whose primary research focus is on leadership and intersecting interests in

employee health and well-being, sleep and gender.

Faced with heavy course loads, writing papers and studying for exams, it has become the norm for students to survive on a few hours of sleep. But, according to Carleton, getting more sleep is the number one change you can make when it comes to performing better, whether it's at

work or in the classroom. Similarly, catching more ZZZs also forms the basis for better self-care decisions.

"If you think of sleep as a preventative health behaviour, similar to exercise or nutrition, based on one of our studies, sleep is three times as significant as anything else," said Carleton. "If you don't sleep well, you are less likely to exercise. You are also less likely to make good food choices. So, if you could fix one thing, getting more sleep will affect your decisions for the better, and the way you conduct yourself throughout the day will be more positive."

The idea that getting more and better sleep isn't necessarily a novel one. But Carleton's research delves far deeper into examining a possible link between sleepiness and prejudice in promoting women to leadership positions.

Having been recently awarded \$58,000 from the Social Sciences and Humanities Research Council, Carleton and her research team, which includes Dr. Megan Walsh (PhD) of the Edwards School of Business, and Dr. Nick Turner (PhD) of the University of Calgary, will test the impact of lack of sleep on hiring women for leadership roles.

Carleton also aims to show the benefits of mindfulness, which she describes as attention and awareness



Erica Carleton is an assistant professor of organizational behaviour in USask's Edwards School of Business.

of the current moment in time.

"We spend so much time planning for the future or ruminating on what we did in the past. Mindfulness brings us to the present," Carleton explained. "It's been linked to better decision making because you are more present. Mindfulness in the evening can also help you fall asleep at night. If you are focusing on the moment instead of ruminating on a previous test or worrying about an essay that is due, it will help bring you back to the present, which will calm you."

And while many students

“ If you are sleep-deprived, you are running on an empty tank.

— Dr. Erica Carleton

spend their time in classes to prepare for their careers, Carleton said that practicing mindfulness and establishing better sleep patterns will make the transition to the workplace easier.

"What matters most to students is writing papers and exams and getting good marks. If you think about work commitments, it's a similar set of outcomes. It's your first entry into that responsibility where you have to make decisions about going to class."

And if getting a good night's sleep isn't a first concern for improving your studies, you should rethink your priorities, Carleton said.

"If you are sleep-deprived, you are running on an empty tank. Things won't work," said Carleton. "Going into an exam, I tell my students that they are better off getting more sleep than they would be pulling an all-nighter and studying instead of sleeping. You will perform worse trying to write an exam on no sleep." ■

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The historic Wallace Stegner House in Eastend, Sask., was the home of the former Pulitzer Prize-winning author and founder of the Stanford School of Creative Writing.



Dr. Clinton Westman (PhD) is a professor in the Department of Archaeology and Anthropology in the College of Arts and Science at USask.

Home *Sweet* home:

USask professor launches new research program at historic house

SHANNON BOKLASCHUK

The small southwestern Saskatchewan town of Eastend has proven to be the perfect launching pad for a University of Saskatchewan (USask) professor's new research program, which is focused on heritage landscapes and bison reintroduction projects.

Dr. Clinton Westman (PhD), a professor in the College of Arts and Science's Department of Archaeology and Anthropology, spent most of the month of October as a writer-in-residence at Wallace Stegner House after receiving a grant from the Eastend Arts Council. Open to published Canadian writers, the grant provides \$500 and a month of free residency at the historical house, located on the banks of the Frenchman River in Eastend, overlooking the Cypress Hills.

"It's really lovely," said Westman.

The home was built by George Stegner in 1916-17. Stegner's son,

Wallace, who lived in the house from the ages of seven to 12, went on to become a Pulitzer Prize-winning author and founder of the Stanford School of Creative Writing. Wallace Stegner wrote about Eastend in his autobiographical book, *Wolf Willow*, which Westman teaches in one of his USask classes.

In 1990, the Eastend Arts Council bought the house and restored it. Heritage status was granted to the property, which now serves as a quiet retreat for writers and artists.

Westman described the Wallace Stegner House as beautiful, noting "it would fit right in" with some of the historic houses located in Saskatoon's central areas. The home, which was visited by journalist Adrienne Clarkson while serving as Canada's Governor General, is bright and features an office on the second floor that previously served

as Wallace Stegner's childhood bedroom, Westman said.

Westman, an environmental anthropologist, is known for interdisciplinary research that draws on environmental studies and cultural anthropology. Much of his work has focused on Indigenous groups in northern Alberta, particularly how they perceive oilsands development and the social and environmental impacts.

A study Westman co-authored with Dr. Tara Joly (PhD), published in the journal *Human Ecology* in February 2019, suggested a "crisis of confidence" about the industry has left the people most impacted by oilsands development feeling ill-informed and powerless.

Westman plans to continue to focus on the environment and Indigenous communities with his new research. He said Wallace Stegner House was ideally situated

as a base to begin his fieldwork and to launch his new research program in Saskatchewan and Alberta.

Westman is interested in tourism and what he calls "heritage landscapes," such as parks and other places with cultural resonance. He said there are a number of such landscapes under public management in the Eastend area, including Grasslands National Park and the Old Man on His Back Prairie and Heritage Conservation Area (OMB), where Westman will study bison reintroduction projects happening there. In 2003, the Nature Conservancy of Canada introduced a herd of genetically pure plains bison to OMB, which is managed as a working ranch. Plains bison were introduced to Grasslands National Park a couple of years later, in 2005, after a 120-year absence.


"Over time, I would like to look at the way the culture and history

have been preserved," said Westman, who also wants to examine how these landscapes "continue to matter in people's present lives" and how that is being interpreted by governments, communities, conservation agencies, arts councils and artists.

To get started, Westman is learning more about bison biology and how the animals socialize. He plans to explore why and how decisions were made to put bison back on the land.

"What are the politics of it? How do local communities feel about it? How do visitors feel? Some of the questions that Grasslands National Park has asked me to raise with people are 'Does this make you more likely to come, if you can see a bison?' and things of that nature," he said. ♥

Shannon Boklaschuk is a communications officer in the College of Arts and Science.



“ I think in the next four to five years we can compete to be the top three in terms of research and in terms of clinical teaching.

— Dr. Walter Siqueira

USask dentistry professor Dr. Walter Siqueira (DDM) recently received a \$1.4 million grant to identify biomarkers for Chronic Fatigue Syndrome.

 SUBMITTED

Dentistry professor passionate about teaching and research

 JENNA MORTIS

For Dr. Walter Siqueira (DDM), dentistry is in his blood.

The new award-winning professor and internationally renowned researcher in the College of Dentistry at the University of Saskatchewan (USask) followed in his father's footsteps as a dentist, making the decision to go to dental school at the age of 17, fresh out of high school in Brazil.

At school he quickly realized his passion for research, and soon began collecting saliva for his studies. Once Siqueira finished dental school, he worked for a couple of hours a week in his father's clinic, but spent the rest of his time at university doing what he liked most: research and teaching students.

“To be a researcher, I can work in a company, I can work in

an institute, but if you want to be a professor, you need to have this contact with the students and you need to translate what you have as a researcher to the students. And I love to do that,” he said.

Siqueira has been recognized with many awards for his research work. These awards include the 2012 Salivary Researcher of the Year award from the Salivary Research Group and the 2019 International Association for Dental Research Distinguished Scientist Award, which is the most prestigious international award in oral health. Siqueira has also received numerous grants for his research, including a recent \$1.4 million grant from the Canadian Institutes of Health Research to identify biomarkers for Chronic Fatigue

Syndrome.

In addition to being an award-winning researcher, Siqueira is also a decorated professor. He is a recipient of the W.W. Wood Award for Excellence in Dental Education and was awarded the title of Faculty Scholar at Western University, where he was located before moving to USask.

Siqueira believes it is important for research faculty members to have regular contact with students to help teach them critical thinking and problem solving in systematic ways.

“When I go to give the lectures, I don't want to make new Walter Siqueiras, salivary researchers. What I want is that when finished the lectures, they have a kind of critical thinking that they could use to treat a patient and correlate the

dental technical component with the biomedical-oral biology science.”

While Siqueira is looking forward to teaching, he is also excited about his upcoming research.

“I'm working more and more in precision medicine, precision dentistry in terms of salivary biosensors for oral health and especially for dental caries,” he said.

His idea is to glue a small device to a tooth that can send messages via Bluetooth to your smart phone to let you know when it's time to visit your dentist.


While his current research is specific to his area of expertise in dental caries, this technology can be expanded to other health issues including diabetes, systemic infections and heart diseases.

Siqueira notes that the College

of Dentistry at USask is one of the strongest clinical teaching programs in Canada, and now it is working on expanding its research.

“I think in the next four to five years we can compete to be the top three in terms of research and in terms of clinical teaching.”

Siqueira said he is enjoying being a part of the USask community, but what he remains most excited about is his research and teaching his students.

“I really like this life, I like this job,” he said. “I like to work with saliva, I like to be in a dental school, I like to be a professor.” 

Jenna Mortis is the communications officer in the College of Dentistry and School of Public Health at University of Saskatchewan.

HUSKIES

HOME ACTION:

FRIDAY, NOVEMBER 8

Basketball: vs. MacEwan at the PAC,
Women's: 6 pm. Men's: 8 pm.

SATURDAY, NOVEMBER 9

Basketball: vs. MacEwan at the PAC,
Women's: 5 pm. Men's: 7 pm.

FRIDAY, NOVEMBER 15

Men's Hockey: vs. Manitoba,
at Merlis Belsher Place, 7 pm.

SATURDAY, NOVEMBER 16

Men's Hockey: vs. Manitoba,
at Merlis Belsher Place, 7 pm.

FRIDAY, NOVEMBER 22

Basketball: vs. Regina, at the PAC,
Women's: 6 pm. Men's: 8 pm.

Women's Hockey: vs. Regina,
at Merlis Belsher Place, 7 pm.

Wrestling: Alberta Dual Meet,
at the Education Gym.

SATURDAY, NOVEMBER 22

Basketball: vs. Regina at the PAC,
Women's: 5 pm. Men's: 7 pm.

Men's Hockey: vs. Regina,
at Merlis Belsher Place, 7 pm.

Wrestling: Huskie Invitational,
at the Education Gym.

FRIDAY, NOVEMBER 29

Volleyball: vs. Thompson Rivers at the PAC,
Women's: 6 pm. Men's: 8 pm.

Women's Hockey: vs. Mount Royal,
at Merlis Belsher Place, 7 pm.

SATURDAY, NOVEMBER 30

Volleyball: vs. Thompson Rivers at the PAC,
Women's: 3 pm. Men's: 5 pm.

Women's Hockey: vs. Mount Royal,
at Merlis Belsher Place, 5 pm.

FRIDAY, JANUARY 3

Volleyball: vs. MacEwan at the PAC,
Women's: 6 pm. Men's: 8 pm.

Men's Hockey: vs. Alberta,
at Merlis Belsher Place, 7 pm.

SATURDAY, JANUARY 4

Volleyball: vs. MacEwan at the PAC,
Women's: 3 pm. Men's: 5 pm.

Men's Hockey: vs. Alberta,
at Merlis Belsher Place, 7 pm.

Huskies committed to courses and competition

JAMES SHEWAGA

From practices to practicums, in the classroom and in the weight room, Huskie Athletics student-athletes like Leah Bohlken and Luke Wandzura are succeeding and exceeding in both parts of the education equation.

They are two of 176 Huskie student-athletes, trainers and managers (46 per cent of the program) who have earned All-Academic status for posting grades of better than 74.5 per cent while completing full course loads of 24 credit units, with Bohlken and Wandzura also achieving national Academic All-Canadian status for averaging more than 80 per cent in their courses.

For Bohlken, it's the fourth straight year she has achieved U Sports Academic All-Canadian status, following a season in which she led the Huskie women's hockey team in scoring and was named a league all-star, while also averaging 88.6 per cent in her studies at the University of Saskatchewan (USask).

"It's quite an honour, said Bohlken, a 22-year-old fifth-year defenceman from Moose Jaw. "Athletics takes up so much time and everybody that has made that (All-Academic) team knows the challenges in receiving those grades, so it is very humbling and I think the university does a great job of recognizing our athletes. It's a nice pat on the back when they see you are excelling as students and being leaders on the ice, or on the pitch, or on the field, as well as in the classroom."

Bohlken's superb season also included being one of the top



Leah Bohlken is a defenceman with the Huskie women's hockey team.

GETMYPHOTO.CA



Luke Wandzura is a middle blocker with the Huskie men's volleyball team.

GETMYPHOTO.CA

university players in the country picked to compete for Canada in the World University Games in Russia in March, returning home with a silver medal and with memories to last a lifetime.

"Definitely it was a year to remember, and obviously I couldn't have done it without my family and friends, and my teammates and classmates," said Bohlken. "When I went over to Russia, I missed two and half weeks, so I had some classmates sending me notes throughout that time, and my professors were also very good, too. They want you to excel in your sport as well as in school."

While Bohlken is one of the country's top female hockey players in U Sports, she is also focused on her future off the ice, after switching from geophysics to computer science last year.

"I would like an IT job with an

app development company, that is the area that I am interested in," said Bohlken. "I know I will be moving on to join the workforce, so to be able to succeed in both academics and sports is very satisfying."

Like Bohlken, Wandzura strikes a balance between competition and classes, posting an impressive 94.8 per cent academic average while dealing with the demands of training, travel and competition, on the court five days a week with the Huskie men's volleyball team. Huskie athletes must maintain minimum academic standards to remain eligible to compete in university sports, making them among the most dedicated and hardest-working students on campus.

"I think when you are an elite athlete or playing the sport at a high level, you are used to working hard in the gym or the weight room,

so it is second nature to do the same thing in the classroom," said Wandzura, a biochemistry major who plans to apply to medical school next year. "It is a huge time commitment playing a sport, so you have to have your priorities in place. Getting good marks is something that is a high priority for me, so I am going to make time for it, no matter how tired I am after practice, or on the road pulling out the laptop."

The 20-year-old third-year player from Prince Albert entered USask on a \$13,000 scholarship awarded to the Saskatchewan student from outside of Saskatoon or Regina with the highest admission average—a remarkable 98.4 per cent—in his Grade 12 studies. Wandzura, who served as his high school valedictorian, also earned the Darcey Busse Memorial Award, described as presented to the province's top graduating male athlete who best exemplifies athletic and academic achievements of excellence.

"It was nice to see all those long nights at the library being rewarded," he said.

After serving largely in a bench role last season, Wandzura is looking forward to more playing time this season as a regular part of the rotation with the Huskies.

"Even if it is just practice, it is a lot of fun being a member of the Huskies," said Wandzura. "The social dynamic of the team is great and that is what also keeps me coming back, just playing a sport at a high level with your friends. But it will definitely be more rewarding to play a larger role this year." 🍀



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Donors open the door to opportunity for honours student

 CARLEE SNOW

Sheldon Alderton never imagined he would become a university student.

With an established career in the construction industry and a young daughter to care for, pursuing a university degree seemed like an unrealistic dream. But thanks to the generous support of donors to the University of Saskatchewan (USask)

Campaign for Students, Alderton is in his final year of a Bachelor of Arts Honours program in philosophy in the College of Arts and Science.

“Donors have reinforced my decision and made me realize, ‘Yes, I am on the right path. This is where I am supposed to be,’ which is a huge deal for me because I never thought university would be an attainable

goal,” Alderton said.

Donor support in the form of scholarships has allowed him to attend conferences and travel abroad, and even present three of his papers. He presented two at Thompson Rivers University in Kamloops, B.C., and one at Bridgewater State University, in Bridgewater, Mass. Alderton finds that other students are curious about the learning opportunities he has pursued outside of the classroom.

“People like to focus on the travelling I have done because it is exciting. But I would not be able to do any of it without the support I have received,” he said.

“Scholarships have benefited not only me, but also my daughter, and opened up new possibilities for us both. She is only six years old, but she is adamant about going to USask when she’s older.”

Alderton said that while her daughter doesn’t yet understand the importance of donors, she does understand how important the university is to her father.


“Because it is such a huge part of my life and impacts us so much, she cannot wait to go here, she loves the university,” Alderton explained.

Alderton cannot say thank you enough to USask donors.

“I can only express my absolute gratitude,” he said. “And thanks to you, you have opened up a world that I did not even know existed.”

Carlee Snow is a development communications co-ordinator in University Relations.



Psychology student Sheldon Alderton is grateful for the scholarship support he has received at USask.  JULIE SCHAPPERT PHOTOGRAPHY

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Last year, the campaign raised more than \$1.9-million for USask students to support them in their pursuits. Donations to this year’s campaign opens up a world of possibilities and helps students make their mark on the world. To learn more, or to make your gift, visit: give.usask.ca/students.



COMING EVENTS

SEMINARS / LECTURES

Philosophy in the Community

7–9 pm, The Refinery, Emmanuel Anglican Church Basement. 609 Dufferin Ave. This community lecture and discussion series is organized by the Department of Philosophy to share the rewards and pleasures of philosophical reflection. Free and open to the public. For more information, visit: usask.ca/philosophy/community

- Nov. 8, Buddhist Reflections on Forgiveness, by Emer O'Hagan.
- Dec. 13, Police Street Checks as a Roadblock to a Free and Inclusive Saskatchewan, by Glen Luther.

Literature Matters

7:30 pm, Grace-Westminster United Church social hall, 505 10 St. E. Reading, studying and talking about literary works helps us to make sense of the world. In this series of community talks, members of the Department of English explore diverse literary topics.

- Nov. 20, *A Writer's Life*, by Robert Calder.

The 2020 Walter C. Murray Lecture: *The Right to Die*

Nov. 22, 7 pm, Room 106 Biology Building. Lecture by Dr. Michael Cholbi, professor of philosophy at California State University. Lecture is free and open to the public, with a reception to follow.

Making Music with Others: We-Agency and Transformational Music Experiences

Nov. 25, 12:30 pm, Quance Theatre, Education Building. Dr. Justin Christensen presents a

talk in the Fine Arts Research Lecture Series in Music, hosted by the Department of Music. Free and open to the public.

CONFERENCES

Heart Disease & Stroke 2019

Nov. 16-17, Health Sciences Building. This year's conference features renowned guest speakers Dr. Michael Kelly and Dr. Andrew Demchuk. The focus will be to promote evidence-based practice as it relates to both medical and nursing care. For more information, email: darla.schiebelbein@usask.ca

COURSES / WORKSHOPS

Indigenous Graduate Student Writing Retreat

Nov. 13-15. Join the Saskatchewan Indigenous Mentorship Network for three days of concentrated writing time in an environment that provides strong mentorship. Meet other Indigenous graduate students and receive support and guidance from mentors like Elder and writer Louise Halfe and the University of Saskatchewan Writing Centre. For more information, email: alison.piche@usask.ca

THE ARTS

Greystone Theatre presents *Playhouse Creatures*

Nov. 20-30, 8 pm, Greystone Theatre, John Mitchell Building, 118 Science Place. *Playhouse Creatures* by April De Angelis, directed by Julia Jamison. Rivalries and relationships that develop between the

first actresses to grace the London stage are exposed both offstage and on, as we voyeuristically peek in on the dressing room antics and heroic performances of this all-women cast. Set in the time of Charles II, four famous Restoration actresses, including Nell Gwynn, navigate their way through their precarious careers with wit, charm and spunk. Tickets go on sale two weeks before each show, available by calling 306-966-5188 or go on-line at: <https://artsandscience.usask.ca/drama/greystone/greystone-theatre.php>

MISCELLANY

USask Fall Convocation

Nov. 13, ceremonies at 9 am and 2 pm at USask's Merlis Belsher Place. The 9 am ceremony features the College of Agriculture and Bioresources, Education, Engineering, Kinesiology, Law, Medicine, Nursing, Pharmacy and Nutrition, Veterinary Medicine, School of Rehabilitation Science, and School of Public Health. The 2 pm ceremony includes the College of Arts and Science, Edwards School of Business, Johnson Shoyama Graduate School of Public Policy, and the School of Environment and Sustainability.

USSU Annual General Meeting

Nov. 21, 6 pm, Neatby Timlin Theatre (Arts 241). All undergraduate students are eligible to propose amendments to the University of Saskatchewan Students' Union bylaw.

**NEXT OCN: December 13
DEADLINE: November 29**

LETTER TO THE EDITOR:

The first day of usask.ca

The internet originated in 1969 with four nodes. It grew steadily in both popularity and node count and by the late 1980s the University of Saskatchewan was preparing to join.

The first internet connection in the province was to a network closet near Room 64 in the Arts Building.

A prerequisite to joining was to register a domain name. I was the manager of Systems and Networks in the Department of Computing Services and on April 30, 1987 I filled out the "Internet registration form."

In the application I described what seemed at the time to be an ambitious plan: "We are a large university with 14,000 students, 1,200 faculty, and about 100 departments. We are installing microcomputer labs of 50 to 70 workstations in most of our 14 colleges. When this process is complete, we expect to have a network of almost 1,000 nodes."

The form had 11 sections and the last one I tackled was "Network Name." At that time, there were only two universities in Canada registered for the internet: utoronto.ca and ubc.ca.

The suggested name for a university was U followed by the institution. I typed usaskatchewan.ca and contemplated how many times I would be typing this name in the years ahead. I immediately decided that this name was too long.

Another university that had a long name was the University of British Columbia and they had chosen the name ubc.ca. The abbreviation for our university was the U of S, which was widely known and used within the province. However, it was clear that uofs.ca could not be our identity on a world-wide network.

I had rejected the first two names that I considered, but still needed a name. After some more thought, I decided on usask.ca and submitted the form. The registration was accepted and usask.ca became the university's internet identity and USask is now part of our brand.

– Larry Custead,
USask alumnus, ICT staff
member from 1981-2010

Centre's research helps inform sector initiatives

FROM PAGE 2

from culture or social systems. For instance, Bill Gates did not become a billionaire on his own. He was supported by a favourable policy environment, an education system, a family structure, systems of land use and land appropriation, a prepared workforce, and economic, social, and other capital. Our work in the co-operative sector needs to be aware of all these systems, connecting to them and leveraging them in service of our values."

In welcoming the audience to the celebration, Federated Co-operatives

Ltd. (FCL) CEO Scott Banda likened FCL and other federations to balls of elastic bands, which stay together even when one or two bands snap, but always need new bands to be added. FCL, the western Canadian co-operative federation with \$10.7 billion in revenue in 2018, has been providing significant operational funding to the centre since its inception in 1984.

Banda praised the centre "because the centre's research helps to inform and guide the co-op sector and fosters important discussions about the co-op model to ensure its sustainability and relevance."

Hoover noted that there is a new and growing co-operative movement today, particularly in the U.S.

"We can characterize the first wave of early 20th century co-operatives as mostly rural and agricultural or tied to the energy sector, and the second wave—in the 1960s and '70s—as utopian and designed to serve elites ... But today's co-operatives are being started by the economically and socially marginalized: immigrants, people of colour, and women."

While celebrating the past, Pigeon said the revitalized centre is firmly focused on the future.

"We were very pleased with the relaunch. It was an opportunity to reflect on how co-operatives have shaped our past and can shape our future, especially around some of the big challenges of our times," Pigeon said. "And with our home in the policy school, we can inform the policy environment in a way that provides the supporting environment that Melissa stressed is so important for all co-operative efforts." ♥

Jen Budney is a USask graduate and a research associate with the Canadian Centre for the Study of Co-operatives.

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UNIQUELY USASK: EXOTIC EGYPTIAN FALSE DOOR

 JAMES SHEWAGA

From a bronze bust sculpture of Hannibal that once belonged to Napoleon, to the largest collection of ancient glass in Western Canada, the University of Saskatchewan's Museum of Antiquities is home to a treasure trove of rare relics and resplendent replicas.

For Dr. Tracene Harvey (PhD), the mystique of one unique artifact stands out above the rest. One of the prized pieces of the museum is an exquisite Egyptian false door dating back to the year 2200 BC, originally found in the tomb of Irti, a priestess of the Goddess Hathor.

"To stand in the presence of something that is over 4,000 years old and something that belonged to a priestess of an Egyptian goddess, is really a humbling experience," said Harvey, the director/curator of USask's Museum of Antiquities.

"It certainly is the show stopper and the fact that the hieroglyphs are still quite clear is really impressive. Everybody is attracted to this when they come into the museum."


Donated in 1997 and certified by Sotheby's auction house in London, England, the Egyptian artifact from the 6th Dynasty of the Old Kingdom is an original limestone relief, the lower portion of a false door measuring 48 by 65 centimetres, carved with hieroglyphic inscriptions.

"The ancient Egyptians believed that these false doors were a portal to the afterlife," said

Harvey. "The Egyptian belief is that when you died, you continued to live in the afterlife in very much the same way you did when you were alive.

"So that's why when you find an Egyptian tomb, it is filled with all sorts of daily life things, so that the spirit of the dead can continue on with the comforts of home. They could come back to the tomb from the underworld and enjoy their favourite food, their favourite perfume, their favourite clothes. Sometimes their mummified pets were also in the tomb."

Harvey would like to further examine the false door with the use of the Canadian Light Source synchrotron, which has been previously utilized to identify the source of materials and the quantities of precious metals in ancient coins in the museum's collection.

"There are some scientific experiments that we would like to conduct, to further examine the encrustation and the molds and things that a piece acquires over time," Harvey said. "There are questions about this piece that can be answered using science." 



Dr. Tracene Harvey (PhD), director/curator of USask's Museum of Antiquities, stands beside the museum's Egyptian false door.

 JAMES SHEWAGA



The 4,000-year-old Egyptian false door is one of the featured items in USask's Museum of Antiquities collection.

 JAMES SHEWAGA