

USASK AT THE OLYMPICS

University of Saskatchewan alumni are set to take part in the 2018 Paralympics and Winter Olympic Games, starting Feb. 9 in Pyeongchang, South Korea. You can read about our former U of S students set to compete as athletes and coaches in the Games on pages 8-9. This edition of *On Campus News* also shines the spotlight on Huskie hockey (page 12) and a campus collaboration to train young Indigenous athletes (page 10).

SEE PAGES 8-12.



KEEN DEAN **5**

SQUIRREL SCIENCE **6**

LIFE CHANGING **7**

On Campus News is published 12 times per year by University of Saskatchewan Marketing and Communications. It is distributed to all U of S 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.

Subscriptions are available for \$22 per year. Story and photo ideas are welcome. Advertising rates are available online or on request.

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 U of S community.

The views and opinions expressed by writers of letters to the editor and viewpoints do not necessarily reflect those of the U of S 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.

NEWS EDITOR

Kris Foster

WRITERS

Chris Morin
Lesley Porter
James Shewaga

DESIGNERS

Brian Kachur
Pierre Wilkinson

EDITORIAL ADVISORY BOARD

Patrick Hayes
Fiona Haynes
Sandra Ribeiro
Sharon Scott
Stephen Urquhart
David York

ISSN: 1195-7654

PUBLICATIONS MAIL
AGREEMENT NO. 40065156

Return undeliverable addresses to:

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

Email: news@usask.ca

Province approves U of S bond issuance up to \$85 million

The Province of Saskatchewan has approved the University of Saskatchewan (U of S) issuing a bond to carry out critical infrastructure renewal projects at its Saskatoon campus.

The \$85-million bond proceeds will be put towards renewal of five core campus buildings that are essential to the university's academic mission, including Physics, Thorvaldson, W.P. Thompson (Biology), Murray Library and Arts, as early as this spring.

"This approval is a very positive step for us as it gives us an innovative and cost-effective financing solution and allows us to more quickly address critical infrastructure needs, at no additional cost to the province," said Greg Fowler, vice-president, finance and resources at the U of S. "The

upgrades to classrooms, teaching labs and student spaces will improve the student experience and enable an environment that better supports teaching, learning and research."

Thousands of people use the core campus buildings on a daily basis, and upgrades will go a long way to the university's ability to attract and retain excellent students, faculty and staff.

"Taking the library as one example, today's students and researchers have vastly different needs than when the original buildings were constructed more than 50 years ago," said Fowler.

"Over the years, the need for critical infrastructure renewal has significantly outpaced our provincial funding, which is a common issue many universities across



Fowler

Canada are facing," he continued.

Fowler noted that within the last few years, at least eight other Canadian universities—McGill,

McMaster, Ryerson, Trent, Western and York Universities and the Universities of Ottawa, Regina and Windsor—have pursued bonds to finance large projects.

The way a bond works, Fowler continued, is that investors lend us money when they buy U of S bonds.

"The university will pay interest at predetermined intervals, usually annually or semiannually, and returns the principal on the maturity date, ending the loan. The overall cost of a bond, in this instance, is lower than with traditional borrowing."

Construction is expected to continue for about four to five years and everything possible will be done to minimize disruption to students, faculty and staff during renewal work. ■



IN CASE YOU MISSED IT

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

U of S computer researchers cash in

U of S researchers will have more powerful computing infrastructure thanks to \$2.2 million in funding from the Government of Saskatchewan. The funding, committed to the Compute Canada initiative through Innovation Saskatchewan's Innovation and Science Fund, over a five-year period from 2017 - 2022, will offer supports through a wide range of U of S projects including advanced research computing infrastructure, support personnel and services.

Larocque to join UR leadership

Guy Larocque will join University Relations as AVP alumni relations, on March 5. Larocque, currently York University's executive director of alumni engagement, brings more than 25 years of experience in stakeholder engagement, program management and communications. He will be responsible for intensifying alumni engagement, mobilizing the alumni community to support institutional success, and enhancing alumni involvement in university life.

Edwards is best in the biz

Students from the Edwards School of Business won School of the Year and Academic titles at the 2018 JDC West competition, held at the University of Calgary. In total, Edwards students took home seven first-place, one second-place and three third-place awards. JDC West is Western Canada's largest undergraduate business student competition, showcasing academics, debate, athletics, community involvement, and an out-of-the-box social competition.

Former chancellor named Sask LG

Former U of S chancellor Tom Molloy has been named as Saskatchewan's new lieutenant governor. Aside from serving as chancellor from 2001-2007, Molloy has served as a negotiator, lawyer, strategic advisor and author. Molloy also received his BA and law degrees from the U of S. Molloy is an Officer of the Order of Canada and a recipient of the Saskatchewan Order of Merit. Molloy will replace Vaughn Solomon Schofield, who was named to the role in 2012.

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

McDougall working for student success

✍ MEGHAN SIRED

In January, Patti McDougall accepted a second five-year term to serve as vice-provost leading the Teaching, Learning and Student Experience portfolio at the U of S.

If that name doesn't sound familiar, it's because the new year brought a new name.

According to McDougall, the new name better reflects the work of the portfolio, which is made up of 19 units and about 280 staff members. Activities of the portfolio include a range of functions involving teaching, learning and students at all levels of study.

Work of the portfolio includes producing the course catalogue, co-ordinating the Graduation Powwow, marketing to prospective students, providing physical and mental health care to students, shaping innovative teaching

practices, preparing international students for university, and supporting off-campus learning.

"When I first started in this role in 2013 what surprised me, in a very positive way, was how strong our staff are when it comes to understanding, identifying and meeting the needs of students across their entire learning and development cycle," said McDougall. "I already knew how faculty members come together with the shared goal of wanting to do the best for students.

"What I don't think you necessarily realize as a faculty member, which is where I come from, is how much strength there is in the people who do the day-to-day work to support students."

McDougall said she is inspired by not only Teaching, Learning and Student Experience staff, but by the

staff who do similar work in colleges and schools.

"Any opportunities to engage instructors or staff in colleges is a good opportunity, and for much of what we do, we simply couldn't pull it off without those partnerships," she said. "The University of Saskatchewan has a phenomenal workforce. Their passion and engagement fuels my desire to do more myself."

Before becoming vice-provost, McDougall worked at St. Thomas More College for 14 years, first as a faculty member, then as associate dean for many years and then interim dean for a year. Her research expertise is in social development, including transitions to new academic environments in childhood and adolescence. McDougall said it's been "helpful to have that lens on things" in her current role.



McDougall

"My interests lie in how a social environment either makes it easier for you or more challenging," explained McDougall. "As a scholar in developmental psychology, I can see that the academic and social adjustment

outcomes for our students vary as a consequence of a wide range of individual differences. For example, from a social angle it matters whether students have a social network and feel like they belong.

"Given our size and our role as one of Canada's leading research-intensive universities, I know our community is a very positive social environment and is providing the best quality of student experience. Now we're working on how we can better showcase that."

For more information about supporting students and the Teaching, Learning and Student Experience portfolio, visit teaching.usask.ca. ■

Meghan Sired is a communications co-ordinator with the Vice-Provost Teaching, Learning and Student Experience portfolio.

Health care students put teamwork to the test

✍ JAMES SHEWAGA

Hallie MacLachlan learned first-hand the value of teamwork in the complex and challenging field of health care, when she competed in the Health Care Team Challenge back in 2016.

This year, she was anxious to share that experience with a new crop of budding professionals as the Health Sciences Students' Association hosted the 2018 competition at the University of Saskatchewan on Jan. 20.

"I may be a little biased, since I ran the challenge, however I believe this is incredibly valuable for participants," said MacLachlan, a fourth-year U of S College of Nursing student and the organizer of this year's event. "Each of our respective programs teaches us a lot about the pathophysiology and the physical skills needed to be health-care

providers and many focus on how to effectively interact with patients and build those therapeutic relationships.

"However, it is very difficult to facilitate interprofessional collaboration from a classroom setting ... That is what I hope participants take away from this challenge, is a sense of how to effectively work as a part of and feel they are a valued member of the interprofessional team."

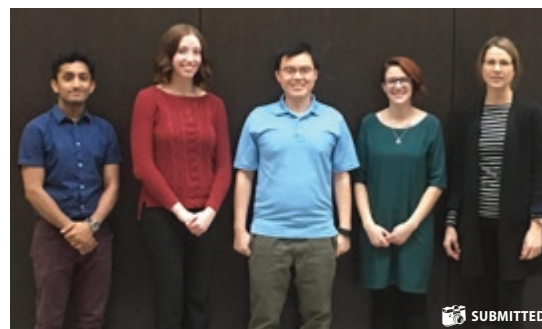
This year's challenge featured U of S students in nursing, medicine, veterinary medicine and engineering, as well as nursing students from the University of Regina and Saskatchewan Polytechnic. Participants were provided a case study a week in advance to prepare a care plan for a patient and a five-minute presentation before a panel of



MacLachlan

judges. The interdisciplinary teams were then tasked with working through a new development in their case, and had an hour to come up with a revised care plan to present to the judges.

"This year's challenge was very competitive," said MacLachlan. "All of our teams gave strong presentations and each team's ranking changed dramatically after each round of presentations. Ultimately,



From left, the winning team of Gabilan Sivapatham, Danielle Mitchell, Yin Man Anson Lam, Cassy Andrew and Janelle Anderson.

the team that adapted the best to the judges' questions, feedback, and redirected their plan of care the most, based on the case information, ended up as our winning team."

This year's top group featured U of S medical students Gabilan Sivapatham and Yin Man Anson Lam, veterinary medicine scholar Cassy Andrew and nursing student Danielle Mitchell, as well as Janelle Anderson of the U of R and Sask Polytechnic nursing program.

MacLachlan was a member of the U of S team that won the inaugural provincial competition in 2016 and went on to claim the national championship in Halifax as well that year. The Canadian competition was discontinued last year, but MacLachlan is determined to help revive the event.

"I am currently part of a group of students from across Canada that are working to bring back this challenge in the near future," MacLachlan said.

"I had an amazing experience when I was a competitor and made great connections with other students and staff at the university through my participation," she added. "I also gained a better understanding of how an ideal interprofessional team should function and I strive to make that happen in my own practice." ■



Skaters hit the ice on the outdoor rink in the Bowl at the U of S campus for the first time on Jan. 8. (left to right): Naheda Sahtout, vice-president external, GSA, Ali Kiani, vice-president student affairs, GSA, Crystal Lau, VP student affairs, USSU, Iloradanon Efimoff, GSA Indigenous liaison and co-chair of the Indigenous Graduate Students' Council.

DAVID STOBBE

Outdoor rink adds to winter wonderland

JAMES SHEWAGA

The University of Saskatchewan and the U of S Students' Union (USSU) have teamed up to create a frozen oasis in the heart of campus, designed to help beat the winter blues.

Skaters hit the ice for the first time on Jan. 8 at the new outdoor rink in the Bowl, an initiative spearheaded by USSU vice-president of student affairs Crystal Lau and made possible by a \$10,000 grant from the U of S President's Office. The outdoor rink is free to use for individuals on campus and for community members as well.

"I am beyond excited to see the rink in the Bowl finally being used

by students, staff, parents and kids from the community," said Lau, who began lobbying and planning for the project last summer.

"The Bowl is promoted so much in the summertime, and now it can have the same liveliness in the winter.

With the rink open to the public, we are inviting people to visit campus, and add another attraction to our Saskatoon community."

In addition to the President's Office, the project is supported by the Services division of the Finance and Resources portfolio, Alumni Relations, and Campus Rec, which provides free skates to borrow—

courtesy of the Language Centre—for students as well as faculty and staff who have a Fit Centre access card. In addition, Culinary Services is providing free hot chocolate to skaters on Monday afternoons. The grounds department took care of the setup of the rink and helps out with snow removal and surface flooding, while USSU staff assist with day-to-day maintenance.

"I am very grateful for the president's office and others for believing in me to work on such a massive project, and without their financial support, this project would have been much more

difficult to make a reality," said Lau.

Wade Epp, associate vice-president, services—which oversees Facilities Operations and Maintenance as well as Culinary Services—said the university was happy to support this initiative.

"We are excited to have such a great place for everyone to experience campus and get some fresh air and exercise," said Epp. "The USSU executive put a lot of hard work into this wellness initiative and we applaud them on a job well done."


Lights have been set up to illuminate the ice surface in the evenings to ensure safety, while

hockey is not allowed on the rink.

Lau said the USSU hopes to make the rink an annual winter feature of the Bowl, enriching the student experience and becoming a destination for individuals from around campus and from across the city.

"An outdoor rink can encourage outdoor physical activities and students can come skate in-between classes to de-stress, which could help improve mental health and battle the winter blues," said Lau. "My hope is students and staff will be able to connect and create a sense of community while enjoying the rink." ■

New nursing dean keen to serve Saskatchewan

 HENRYTYE GLAZEBROOK

When you were born and raised in Taiwan and have travelled the world for your career, it's easy to imagine that life in the Canadian Prairies might be a tad quaint by comparison.

But for Huey-Ming Tzeng, who began a five-year term as dean of the College of Nursing at the University of Saskatchewan on Sept. 15, the lifestyle and geographic features of her new province has a near indescribable, pastoral air that makes her feel perfectly at home.

"I have been fortunate to travel off the main campus in Saskatoon to all our campuses and sites—Prince Albert, Regina, La Ronge, Île-à-la-Crosse and Yorkton—in the months I have been here to meet our students, staff, faculty, alumni and strong nurse supporters in these communities," Tzeng said. "The beautiful sunsets and expansive skies make this province so lovely. I am very enthusiastic to live in Saskatchewan, where the people are very warm and friendly."

Tzeng comes to the U of S from her most recent role as dean of the Whitson-Hester School of Nursing at Tennessee Technological University, after teaching at the University of Michigan and Washington State University-Spokane and earning her PhD at the University of Michigan-Ann Arbor. Tzeng was also selected for Fellowship in the American Academy of Nursing and inducted into the academy in 2011.

As a noted researcher with more than 120 publications in peer-reviewed journals to her name—focusing primarily on patient safety and quality of care, particularly related to patient falls for hospitalized adults—Tzeng said the striking research output of the U of S made it a natural fit for her career aspirations.

"The research that takes place in

both the College of Nursing and at the U of S as a whole is remarkable," she said. "I am humbled to be part of a university included in the U15 (Canada's top 15 research intensive universities), and I am committed to working together with my great colleagues to discover knowledge and solutions that impact lives and create opportunities for people in Saskatchewan and around the globe."

Tzeng emphasized that the campus-wide push for Indigenization at the U of S is a commitment which speaks directly to her own beliefs, and noted with enthusiasm the 18.8 per cent undergraduate and 17.7 per cent overall enrolment of Indigenous students in the nursing program.

"I am proud and honoured to serve in a leadership role in the College of Nursing for a number of reasons, including the fact that we continue to lead the nation in Indigenous student recruitment and retention, and the college is proportionate to the Indigenous population of the province," she said.

Looking to the future, Tzeng said she hopes to continue to develop the college's inspiring efforts in research and education, particularly its role of bringing health care and educational opportunities to remote and northern communities.

"The College of Nursing is innovative, forward-thinking with technology and has successfully brought nursing education to areas in Saskatchewan where there are traditionally shortages of registered nurses," she said. "To lead a college that has been so successful using distributed learning technologies is inspiring and motivating." ■

HenryTye Glazebrook is a freelance writer and former U of S communications co-ordinator.



 APPL



The science of squirrels

CHRIS MORIN

ANDREA WISHART

The first time Andrea Wishart held a baby squirrel, she knew then she wanted to better understand the furry little creatures, especially their boom-or-bust behaviours.

There are plenty of reasons why these bushy-tailed critters would want to maximize the amount of food to store for the winter, especially in the harsh climates of the Yukon, where Wishart, a PhD student at the University of Saskatchewan, conducts her research.

So why do some squirrels, who are active all year-round, hustle hard when it comes to gathering their food while others seem to slack?

“Squirrels are famous for caching food, storing it in their body as fat, or they will cache it in stores,” said Wishart. “So when they are breeding they return to this food source rather than seeking out additional sources. In the case of

red squirrels, they have essentially collected a ‘refrigerator’ full of food underground.

“Obviously, there are really important survival reasons for them to collect this food,” she continued. “But we see a huge variation in the amounts of food that these squirrels are collecting. Some squirrels have nothing, while others have a lot. So why aren’t all of them going crazy caching as much as they can?”

There are plenty of mitigating factors for squirrel survival, and that’s what Wishart aims to find out. Now in her third-year in the Department of Biology, Wishart tracks and observes the mischievous critters at the Kluane Red Squirrel Project, a



Wishart

small research camp that overlooks the Saint Elias mountains in the Yukon. It’s where U of S students like Wishart go to study ecology and evolution. It also provides plenty of opportunity to observe wildlife in

an environment that you wouldn’t necessarily see elsewhere, said Wishart.

“Squirrels are very territorial creatures, and we are able to track pregnancies in these animals, and we often get to see squirrel babies the day they are born. And from there we are able to track their successes, their behaviours and their interactions.”

The Kluane Squirrel Project, an interdisciplinary, large-scale field experiment, started in 1987 as a partnership between the U of S and four other universities: Alberta, Guelph, McGill and Michigan. Since then hundreds of researchers have flocked to the site, which helps provide invaluable historical evolutionary data for squirrel scientists, said Wishart.

“The boreal forest in this region is made up of white spruce, which is

what these squirrels depend on for food,” she said. “And these trees will sometimes produce a huge amount of pinecones, an incident which is called a pulse. This overabundance of food allows for new trees to be seeded within the resource system.

“While red squirrels are found throughout the country, including areas around Saskatoon, the unique environment offers an intimate glimpse into their world.”

Originally from London, Ont., where she finished both her undergrad and her master’s, Wishart delved into the world of genomics and mutations in mice before deciding to take a break from her studies to volunteer with a wildlife rehabilitation group. That’s when she found her calling.

SEE TRUE, PAGE 11

From the Middle East to medical school

Enrolling at the U of S a life-changing decision for Iraqi-Canadian

JAMES SHEWAGA

Ghassan Al-Yassin knows all about changing lives. Now he is learning all about saving them, too.

A decade after coming to Canada as a teenager on a student visa after his family made the life-changing decision to leave war-torn Iraq, Al-Yassin is now an accomplished graduate student studying and teaching in the College of Medicine as he works towards an MD and a PhD at the University of Saskatchewan.

“I love it in Canada,” said Al-Yassin. “I always wonder about what I would be doing if I was still in Iraq. Back home, most of what you cared about was when the electricity was going to come back on and if you were going to get home safe, so it’s a very different life. Coming here changed my life.”

Born in Baghdad in 1990, a year before the first Gulf War, Al-Yassin was just 13 when war came to Iraq again in 2003 as American-led coalition forces invaded the country, igniting years of sectarian violence, civil war and terrorist attacks. As with most conflicts, civilians bore the brunt of the battle in Iraq, as casualties mounted and homes and lives were destroyed.

“You knew when you heard the sirens, explosions were about to happen, so go hide under the bed with your family,” Al-Yassin recalled. “There were some close calls, a few (bombs) fell in the neighbourhood. Fortunately, no family members were killed, but then I started losing friends later in the aftermath.

“Around 2006, it just got really unbearable and we had to leave the country. I remember the day, actually. There was a bad explosion in our area and my mom said, ‘I can’t live like this anymore.’ So, we packed our bags and we left for Jordan.”



Ghassan Al-Yassin is an MD and a PhD student.

JAMES SHEWAGA

While his father worked for the United Nations in Jordan, Al-Yassin enrolled at an international high school, which was visited by recruiters from universities across North America.

“My mom and I chatted with a few representatives from the universities and one of them was the U of S,” he said. “I had my eye on medicine and the special thing about the U of S was it was in a smaller city and living expenses were more reasonable for an international student, compared to other places. It had a good study environment and smaller class sizes. They listed all the advantages. So, I applied and got accepted and I ended up coming here in September, 2008.”

While getting used to the Canadian climate, culture and cuisine took a little time, Al-Yassin said he was warmly welcomed by new friends at the U of S, who were interested in learning about his Iraqi heritage and his Muslim faith.

“I was a little nervous of course, because it was completely new, but I think one of the factors

that contributed to the success of my transition here was I lived on campus in residence and I met

really nice people there and they would always ask me about my language and my traditions,” said Al-Yassin. “They asked me how to say their name in Arabic and to write it in Arabic. And one of my friends actually went through a day of fasting with me just to experience it, so that was nice. People were very friendly and that helped.”

Almost a decade after arriving on campus, the 27-year-old Al-Yassin now teaches a course in immunology to undergraduate medical and dental students, while doing his doctoral research on auto-immune diseases in addition to working on completing his MD.

“I hope to find a perfect balance between practising medicine, doing research and teaching,” said Al-Yassin, who has also been active in the community, serving

as co-founder of the Arab Students Association that raised \$1,300 for the Saskatoon Lighthouse Assisted Living facility last year.

He is also proud to call himself Canadian now, after taking his oath of citizenship on Canada Day in 2016, and sharing his story while speaking at the citizenship ceremony on campus last year as part of the U of S Canada 150 celebrations.

“That was a great day,” said Al-Yassin, whose parents and younger brother also have their citizenship now and live in Mississauga, Ont. “It was really hard to believe, to take out my passport and look at it and say, ‘Yes, it’s mine, I am Canadian.’ I am so happy that I am here. I grew up in a different country, but I am Canadian and I feel Canadian. This is my home now.” ■



 **SHRF**
SASKATCHEWAN
HEALTH RESEARCH
FOUNDATION

SHRF Achievement Award 2017

Celebrating Saskatchewan Health Research Excellence

Saskatchewan Health Research Foundation (SHRF) is pleased to honour Dr. Andrew Potter, a research scientist and CEO of VIDO-InterVac at the University of Saskatchewan. Dr. Potter is a world-renowned expert in the development of vaccines for human and animal diseases. He has mentored more than 40 graduate students and contributed to over 65 patents for human and animal vaccines. Dr. Andrew Potter is a most worthy recipient of this year’s award.

Congratulations Dr. Potter!

For more information visit | www.shrf.ca

Building a vibrant culture of health research and innovation for a stronger Saskatchewan

Former Huskies chase Olympic gold

JAMES SHEWAGA



Dave King (left) and Willie Desjardins ready Canada's national men's hockey team for 2018 Winter Olympics.

Turn back time to 1983, when Willie Desjardins was captain of the University of Saskatchewan Huskies hockey team coached by living legend Dave King, a team that went on to win the national championship.

Fast-forward 35 years later and the two are together again, this time looking to lead Canada's national men's hockey team to Olympic gold at the 2018 Winter Games from Feb. 9-25 in Pyeongchang, South Korea.

"Being able to work with Willie, a couple of old Huskie hockey players coaching together, it's really special," said King, who previously coached Canada in three Olympics and now is serving as an assistant to Desjardins at the 2018 Winter Games. "We kind of chuckle sometimes when we are in meetings and he will start telling stories about when I coached him back at the University of Saskatchewan or I will

tell a story about him, so it's been a lot of fun. For Willie and I to be working together again, and to do so at the Olympics, is really terrific."

King's remarkable coaching career has spanned four decades, from university hockey with the Huskies to the Olympics with Team Canada, to the National Hockey League and back again. Desjardins has also gone on to carve out his own successful career that took him all

the way to the NHL as head coach of the Vancouver Canucks, and credits King for inspiring him to follow in his footsteps.

"I remember coming to the U of S and that was a great time for me, but I had no idea that I would ever want to get into coaching," said Desjardins, who earned an education degree (1985) at the U of S while being honoured as an all-Canadian on the ice with the Huskies.

"I just loved playing the game, but I ran into a gentleman named Dave King at the U of S and it changed my outlook on how I saw the game. He is such a smart hockey man. So, working with him again, this is pretty special."

Both King and Desjardins grew up in Saskatchewan—King was born in North Battleford and raised in Saskatoon, while Desjardins is from Climax—and spoke

extensively about how proud they are to represent their country at the Olympics.

"If you ask any athlete, even our NHL players who play for the Stanley Cup, if you ask them about the Olympics, it's the biggest sporting event that you can be involved in," said King, who served as head coach of Canada's men's hockey team from 1983-92 (winning an Olympic silver medal in 1992) after guiding the Huskies to the 1983 national championship. "For me, I have always felt it is a real privilege and something that I really enjoy and it's an honour to be involved."

"I have enjoyed coaching at all the levels that I have coached, but I

recognize that this is really a unique opportunity and it's a great honour," said Desjardins. "Not many people will get this opportunity and I am very fortunate."

Desjardins and King will try to lead Canada to a third straight gold medal at the Winter Olympics, after Canada won back-to-back championships in 2010 and 2014 under Toronto Maple Leafs coach Mike Babcock, who was Desjardins' teammate with the Huskies when King coached the program. King takes great pride in this fraternity of former Huskie hockey players who have gone on to coach at the highest level, a prestigious group that also includes NHL head coaches Todd

McLellan (Edmonton Oilers) and Glen Gulutzan (Calgary Flames).

"It says a lot about the Huskie hockey program," said King, who also played for the Huskies while earning physical education (1971) and education (1972) degrees at the U of S before taking over as coach. "We have Willie Desjardins and myself, we have Mike Babcock, Todd McLellan and Glen Gulutzan, so we have quite a collection of hockey people who have come through the program."

Now, King and Desjardins are in charge of an Olympic team that will not feature any current NHLers for the first time since 1994, the same

way Canada used to ice a team back in 1984, 1988 and 1992 when King served as head coach. However, this Canadian team does have a number of former NHLers like Ben Scrivens and Derek Roy, as well as Saskatchewan product Lindey Vey and ex-Saskatoon Blades star Stefan Elliott, who is also a former U of S student.

While the lack of active NHLers has levelled the playing field for these Olympics, King believes Canada will be in the medal hunt once again.

"I think our chances are quite reasonable," said King, who recently played a leading role in the Home Ice Campaign to raise funding for the new Merlis Belsher Place multisport complex at the U of S. "I am not one

to make bold statements and predictions. However, without NHLers this year, this the most level playing field that I have been involved in, and this is my fourth Olympics for Canada. There are fluctuations in the abilities of the teams, but we will be right in the hunt."

Canada will play its Olympic opener on Thursday, Feb. 15 versus Switzerland, and hopes to be playing in the gold-medal game on the final day of the Winter Games on Feb. 25. Desjardins is anxious to get started.

"It is a big responsibility putting a team in place that can compete, with the country watching, and now it's time," he said. "It's exciting to get going." ■

U of S represented at the Winter Olympics

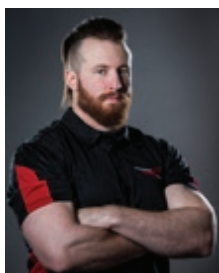
Men's hockey coaches Willie Desjardins and Dave King aren't the only University of Saskatchewan connections on this year's Canadian Olympic team. Here is a look at a few of the other U of S graduates and former Huskies who are taking part in the 2018 Winter Games and Paralympics in Pyeongchang, South Korea:

KEN BABEY



A Canadian college hockey icon, Babey is coaching Canada's men's sledge hockey team in the Paralympic Games. Babey grew up in Saskatoon and earned his Bachelor of Education in 1979 at the U of S before beginning his coaching career. He spent 27 seasons at the Southern Alberta Institute of Technology and is the winningest coach in Canadian post-secondary hockey history with 534 regular-season and playoff victories.

BEN COAKWELL



Former Huskies football standout Ben Coakwell will compete in his second Olympics this month. Coakwell, who was injured during a crash in the 2014 Sochi Winter Games, is back to serve as a brakeman in men's bobsled in the 2018 Games. Coakwell, who grew up in Moose Jaw and studied science at the U of S, led the Huskies football team in rushing in 2010 and 2011 and also competed on the university's track and field team as a sprinter.

KURT OATWAY



The para-alpine skier will compete in his second straight Paralympics in Korea from March 9-18. Oatway, who graduated in 2010 from the U of S

with a Bachelor of Science, finished fifth in the men's sitting downhill event in the 2014 Sochi Paralympics in Russia. Born in Edmonton, Oatway began skiing at the age of five and was inspired to become a para-athlete after watching the 2010 Winter Games in Vancouver.

LYNDON RUSH



Born in Saskatoon and raised in Humboldt, Rush is a two-time former Olympic bobsledder who is now serving as the technical driving coach for Canada's Olympic bobsled team in the 2018 Winter Games. Rush, who won a bronze medal in the four-man bobsled at the 2010 Vancouver Winter Games, played five seasons as a defensive lineman for the U of S Huskies football team and graduated with a Bachelor of Arts in 2004. ■

SHOP **usask**



**CELEBRATE RUTHERFORD RINK
WITH OUR LIMITED EDITION
FAREWELL ITEMS.**

Shop online or in-store at
our new Preston Crossing location.

Only available while supplies last.



UNIVERSITY OF
SASKATCHEWAN

shop.usask.ca



Participants in the first Youth Leadership Through Sports Program gathered at the PAC on Nov. 26.

GETMYPHOTO.CA

U of S community collaboration with STC creates opportunities for young athletes

✍ HENRYTYE GLAZEBROOK

Not everyone is as lucky as Daniel Olver.

Growing up, a combination of a healthy home life, a strong neighbourhood community, and access to great mentoring through sports, meant he never felt he wasn't good enough or watched an opportunity pass by without knowing he could jump at it.

"I went to Holy Cross (high school) and I would go to Huskie practices, because I performed at a certain level," said Olver, who now serves as head coach of the University of Saskatchewan's wrestling team. "I definitely believe that helped me to know that I belonged at that level. I think that's a mistake that some high school kids make in their development, in that they don't think that they belong here. But that's very difficult to know, unless you're given the opportunity to be in this environment and

to really test yourself and get some feedback."

Those experiences are precisely why Olver is so excited to be a part of the Youth Leadership Through Sports Program, which kicked off Nov. 26 through a partnership between the U of S College of Kinesiology, Huskie Athletics and Saskatoon Tribal Council (STC). The initiative brought together close to 50 Indigenous athletes aged 10-14 for its inaugural session at the university's Physical Activity Complex, to receive firsthand training and mentorship from some of the Huskies' top athletes and coaches and kinesiology staff.

Olver, who is Métis and took part in the program along with several of his Huskie wrestlers, said this kind of skills building and development can help young athletes discover just how attainable their goals are, if they put in the



Olver

necessary work.

"It's one thing to dream about something, but when you begin to get more of a material grasp on it, it becomes more reachable as opposed to just an abstract idea," he said. "Being in the Huskie gym, where we hosted CanWest (cham-

pionships) and we do our tournaments, and envisioning themselves in that environment—picturing those stands full and seeing themselves on the big screen—that's a huge step in anyone's development toward knowing this is possible, this is attainable, and all I need to do is follow some instructions and I too can be in this building."

Shawn Burt, chief athletics officer with Huskie Athletics, echoed Olver's sentiments, adding that he believes achievement in sports is a great step toward greater achievements in the classroom.

"Showing these amazing kids what is possible through hard work, focus and a commitment to being a leader in the classroom, on the playing surface, and in the community, is the ultimate goal," Burt said. "Once that seed is planted, I am a huge believer that success will follow."

The new program will continue over the course of the academic year, inviting more Indigenous youth to experience what it's like to train, compete and learn like a Huskie—and perhaps someday become one themselves.

"The long view for us as well is that these kids see themselves as U of S students some day; that they might take on that goal and strive to enrol here in the future," said Chad London, dean in the College of Kinesiology. "Graduating more Aboriginal students is one of our goals and this program can lead to those types of long-term successes."

The aim, ultimately, is that the program will not only help Indigenous youth to excel, but also show them that the U of S is a community where they are warmly welcomed, whether they join through athletics,

SEE HELPING, PAGE 14

Taking care of business

Growing number of U of S employees pursuing MBA

 NATASHA KATCHUK

Many professionals on campus, not just those with business backgrounds, are pursuing the Edwards master of business administration (MBA) program to bolster their skill sets and advance their careers.

The MBA has proven to be relevant to a diverse group of students from arts, business, engineering and health care, to name just a few. In addition, for the 10 U of S employees who are currently enrolled, the Edwards School of Business MBA is an attractive option because of the responsive program design and focus on team-building, leadership and business strategy.

Shakiba Jalal, who works in the Department of Computer Science, said she was drawn to the Edwards MBA because she was looking to enhance her skill set.

“With a strong background in science, I was looking for a program to complement my analytical skills with a strategic approach to leadership and management,” said Jalal.

Nathan Risling, who works in Institutional Planning and Assessment, said it is about building on

the mechanics and basic concepts learned from his Bachelor of Commerce degree.

“The MBA has a deeper focus on the implications of the decisions you’re making in an integrated, strategic approach,” he explained.

Jalal described the Edwards MBA as a toolkit to utilize in any situation that requires strategic problem-solving. The pillars of the program include foundations of management, the human side of management and integrated business perspectives.

“The human side of management is intriguing as it takes into account personal reflection and helps students understand organizational leadership, group dynamics and business strategy,” said Risling.

The essential management skills retreat was a welcome change, in response to student feedback.

“Incorporating skills beyond the academic component, like the focus on personal well-being and the access to a trainer, is an exciting addition,” said Jalal. “I am really looking forward to the new workshops and retreat.”

While many people will agree graduate-level education is worth the investment, balancing a full-time job, along with family and school can be a hard task to juggle.

“The Edwards MBA fits well into family life,” said Risling. “Being able to leave your office and head to class without having to worry about the hassle of parking is just one of the small benefits.”

“It is very convenient having the MBA classes located here on campus,” added Jalal. “The support of my employer and the Administrative and Supervisory Personnel Association tuition waiver were also a factor in my decision.”

For those folks on campus considering the MBA, Jalal and Risling suggest taking the next step. They said while writing the Graduate Management Admission Test may seem daunting at first, the benefits of the MBA program will outweigh the initial investment.

“You have the chance to make the MBA program your own,” said Risling. “You will get a lot out of it in a supportive environment.”

The Edwards School of Business



Shakiba Jalal and Nathan Risling.

 SUBMITTED

offers informational sessions about its MBA program every month. To learn about upcoming information sessions and admission require-

ments, please visit edwardsmba.ca. ■

Natasha Katchuk is a communications officer in the Edwards School of Business.



Across the street from the University of Saskatchewan, and only a 10-minute walk to downtown, Refresh Inn & Suites offers Saskatoon's perfect central location.

All guests are guaranteed immaculately clean and quiet rooms featuring temperature control, four-piece ensuite washroom, mini-fridge, free Wi-Fi and Netflix, complimentary coffee and tea, and laundry facilities.

All suites also have access to a common gourmet kitchen with all the amenities, from fridge and stove to toaster and microwave.

Treat yourself to our amazing complimentary continental breakfast offering a variety of items that is sure to please (including gluten-free, diabetic and lactose-free options).


refresh
INN & SUITES

306.934.5555

Email: refreshinn@sasktel.net
www.refreshinnandsuites.com

1220 College Drive • Saskatoon, SK S7N 0W4 • Toll Free: 1-855-493-7374

True calling discovered in Yukon

FROM PAGE 6

“On my first day, I was handed a baby eastern grey squirrel and a syringe full of formula,” said Wishart. “I was told then and there that I was going to learn how to feed these animals. Obviously, they are really cute, but it was taking time away from research that made me realize how I wanted to get back to asking questions about ecology and evolution that I was studying in my undergrad.”

And when it came time to return to her research, Wishart said while the U of S was the ideal school to study food management with squirrels, she was ecstatic to find herself in one of the furthest corners of the country, tracking these mammals.

In addition to providing the perfect place for her rodent research, the Yukon-based camp also provides an endless swath of breathtaking scenery—a backdrop that Wishart says is “ridiculously beautiful” for

practicing her budding photography skills.

“The moments I’ve been able to capture animals interacting are some of the most memorable moments I’ve had there,” said Wishart. “When it comes to squirrels I tend to miss out on a lot of those moments since I’m usually in the middle of doing research, and I’ll curse not having a camera ready.

“That said, I’ve been fortunate enough to capture some really great squirrel shots.” ■

Sibling sensations help Huskies

JAMES SHEWAGA

Jesse and Alex Forsberg have a kinship connection on the ice forged from skating together every day while growing up in small-town Saskatchewan. Now that bond of brothers is helping the Huskies pursue a national title.

Reunited on the ice for the first time since suiting up together with the Prince George Cougars of the Western Hockey League back in 2012, the Forsberg brothers are playing key roles for the nationally-ranked University of Saskatchewan Huskies men's hockey team which hopes to capture the Canada West conference and the national championship this year.

"That's always the goal and it would be pretty amazing," said Jesse, a 24-year-old dynamic defenceman and alternate captain who is now in his fourth season with the Huskies while studying agriculture at the U of S. "Obviously, winning nationals is something that is pretty hard to do and it has been a long time since the Huskies have done it, and to be able to share that with my brother would be pretty special."

The Forsberg brothers are one of 14 sets of successful siblings suiting up for Huskie teams this season, including: Caleb and Thomas Eidsvik (football); Brianna and Christy Fehr (women's basketball); Cassidy (football) and Taylor Follensbee (women's wrestling); Jordan and Kendall Fransoo (men's hockey); Ali (women's soccer) and Julieanne Labach (women's soccer, track and field); Katelyn and Karson Lehner (track and field); Amy and Naomi Manske (track and field); Joseph and Jacob Powell (men's soccer); David and Jacob Solie (football); Malcolm and Erik Thakurdeen (football); Ben (football), Thomas (football) and Sam Whiting (men's soccer); Randi (women's wrestling) and Jackson Wiegiers (women's soccer); and Kaitlin and Morgan Willoughby (women's hockey).



Alex Forsberg is a forward in his first year of eligibility with the Huskies men's hockey team.

For Jesse Forsberg, the choice to come to the U of S was an easy one.

"I love Saskatchewan and the Huskies are a top-tier program where I knew I would have the best shot at winning," he said. "And I am also an agriculture student and where better to go for that than the U of S? Saskatchewan is the pinnacle for agriculture."

For Alex, a skilled first-year forward who capped his career in the WHL by finishing in the top 10 in league scoring, coming to the U of S and joining his older brother on the Huskies was also the right decision.

"It was an easy choice," said Alex, a 23-year-old arts and science student who is applying to get into education. "I realized that if I wasn't going to go pro, I was going to come to the U of S. Obviously, Jesse is on the team and that was a big reason. But I also have lots of friends who I have played with on the team, so it was easy to come home."

Perhaps no one is happier to see

the Forsbergs back together again than parents Blaine and Joanna, both graduates of the U of S who now make the short 50-kilometre trip from home in Waldheim north of Saskatoon to watch their sons suit up for the Huskies.

"I think they really appreciate it," said Jesse, who led all Canada West blue-liners in scoring last season while being named the league's top defenceman and a second-team all-Canadian. "A lot of us that kind of grew up together are on this team, so it's fun for all the parents to come out and watch us."

The Forsbergs' familiarity with each other can also give them an edge on the ice.

"I think just being around him all the time, you know what his tendencies are and what he wants to accomplish on the ice," said Alex. "And off the ice, having my brother here has helped make the transition to university a lot easier and I owe him a lot for that."



Jesse Forsberg is a fourth-year defencemen and alternate captain of the Huskies men's hockey team.

Like most siblings, the brothers butt heads at times, but their bond has grown stronger over the years.

"We've always been super close, but we definitely do have our outbursts, if you ask anyone," said Jesse, with a chuckle. "We hold each other accountable, and when we go to the rink we feel we're teammates rather than brothers. But when we are off the ice, it's like having a best buddy around all the time. We live together, so we spend a lot of time together."

Now, the Forsbergs are hoping to win a Canadian championship together with a talent-laden Huskies team that finished second at nationals in 2017. But in the always-competitive Canada West conference, just getting to nationals is a challenge.

"We have a great team and there are big expectations this year, but we know there is a long road ahead," said Alex. "We want to see how far we can go." ■

SETS OF SIBLINGS:

Here is a look at the 14 brother/sister connections on Huskie Athletics teams this season:

- Caleb and Thomas Eidsvik (football)
- Brianna and Christy Fehr (women's basketball)
- Cassidy (football) and Taylor Follensbee (women's wrestling)
- Alex and Jesse Forsberg (men's hockey)
- Jordan and Kendall Fransoo (men's hockey)
- Ali (women's soccer) and Julieanne Labach (women's soccer, track and field)
- Katelyn and Karson Lehner (track and field)
- Amy and Naomi Manske (track and field)
- Joseph and Jacob Powell (men's soccer)
- David and Jacob Solie (football)
- Malcolm and Erik Thakurdeen (football)
- Ben (football), Thomas (football) and Sam Whiting (men's soccer)
- Randi (women's wrestling) and Jackson Wiegiers (women's soccer)
- Kaitlin and Morgan Willoughby (women's hockey)

huskies.usask.ca

Learning from the lungs

 KATHY FITZPATRICK

The eyes may be the window to the soul, but for Gurpreet Aulakh, the lungs are the window to disease. What happens inside these spongy, air-filled organs may be key to unravelling the mysteries of a wide array of illnesses.

“I think by studying lungs I can study a lot of other organ systems ... It will keep me motivated over the years,” Aulakh said, an assistant professor in the Western College of Veterinary Medicine’s (WCVM) Department of Small Animal Clinical Sciences.

That line of inquiry comprises much of her work as the University of Saskatchewan’s first Fedoruk Chair in Animal Imaging, a position supported by the Sylvia Fedoruk Canadian Centre for Nuclear Innovation.

Her path leading to this point began in the Indian state of Punjab where she grew up. The daughter of two teachers and a self-described “geek,” she declared in a childhood essay that she wanted to be a research scientist.

Actually, her first choice was to follow in the footsteps of her grandfather, an anesthesiologist in the Indian army.

“He was a doctor with great stories to tell as a saviour of lives,” she recalled.

But when Aulakh’s medical application was unsuccessful she turned to pharmacy, confident it could lead to a research career. After completing her master’s degree in pharmacology at Punjabi University, Aulakh took a job as a research scientist and became heavily involved in a project dealing with lung inflammation. Determined to pursue higher studies, she sought an opportunity to keep working on that topic. When former WCVM professor Baljit Singh recruited her to the U of S, “that was the eureka moment,” Aulakh said.

It seemed that everything was



Gurpreet Aulakh, Fedoruk Chair in Animal Imaging.

 CHRISTINA WEESE

coming together for her. As she flew into Saskatoon on a September day in 2007, Aulakh saw wheat fields just like back home in Punjab, India’s own bread-basket. Singh, who served as her research mentor, was also educated in Punjab and his own research focused on lung inflammation.

“It gave me some reference point, context for my past research. And it really gave me motivation to pursue that direction,” Aulakh said.

She also credits Singh for her crossover to work in medical imaging. It happened when Aulakh was studying one particular protein molecule called angiostatin. Since there were no tools on the market that would allow her to look at angiostatin and see what it does, the research team worked to “label” the protein molecule in their own lab (chemically attaching a label or fluorescent tag to aid in the molecule’s detection).

The molecule was “mesmerizing” to look at, Aulakh said. “It was so surreal. I mean, you look at what it was doing to a cell.”

The WCVM research team moved on to the problem of imaging lungs. Because lungs contain a lot of air, they are “basically not visible” and are elusive subjects, explained Aulakh. Singh and Aulakh discussed the problem with Dean Chapman,

air-tissue interfaces in a way that no other technique can,” she said.

Their findings led to further work that focused on ways to see lung inflammation. Singh, Chapman and Aulakh collaborated with Dr. Wolfgang Kuebler—a renowned lung scientist at the University of Toronto.

Aulakh is intrigued by diseases that seem to be unrelated to the lungs—but still turn out to have surprising effects on these organs. For instance, an equine disease called laminitis that severely affects horses’ feet also causes issues in their lungs.

“Why in the world would this happen?” said Aulakh.

Similarly, dogs with immune-mediated hemolytic anemia have heavily-damaged lungs because they have been infiltrated with a host of immune cells.

Aulakh believes the lungs’ ability to act as reservoirs of neutrophils may begin to explain why they

too are damaged by diseases that target other parts of the body.

In Canada, there is likely no better place than the U of S for a scientist who approaches the study of one molecule through an animal. With the combined facilities of the CLS and the Saskatchewan Centre for Cyclotron Sciences, the U of S is a one-stop shop.

Indeed, Aulakh said the dual PET-SPECT scanner at the cyclotron can image an entire mouse while the CLS’s biomedical beamline can image anything from the size of a fly to a horse.

“We are really pushing ourselves to produce some ground-work in the disease models that we have ventured upon for these next couple of years,” she said.

Kathy Fitzpatrick is a freelance journalist in Saskatoon. Born in Manitoba, she has spent close to four decades working in media.





COMING EVENTS

SEMINARS/LECTURES

La Colle Falls: The Dark Legacy of Saskatchewan's First Hydroelectric Dam

Feb. 12, 3–4 pm, Kirk Hall 144. In April 1912, the City of Prince Albert embarked on the construction of the first hydroelectric dam in the province. 15 months later and one-third finished, all work on the dam was halted, never to resume. The concrete of this grand, ill-fated project not only left its mark on the physical landscape, but also on Saskatchewan's urban development. For more information, visit usask.ca/~akkerman.

Department of Psychology's monthly colloquium series

March 1, 3–4 pm, Arts 153. Gordon Sarty, department head of psychology, will give a talk entitled *Building Portable MRIs for Astronauts and Behavioural Research*. In this seminar, an overview of the technology we have been developing to build portable MRIs will be given. The work with the Canadian Space Agency will allow MRI to be used for the first time in space on the International Space Station. This first space MRI will image muscle and bone in astronaut ankles in the early 2020s. As well, work has begun on using diamonds with nitrogen vacancies, one of a new breed of emerging quantum materials, for more sensitive MRI and the addition of magnetoencephalography to the mix. This next generation of hybrid MRIs will have many applications and we are literally shooting for the moon to make one for the proposed deep space gateway. Members of the university community and the general public are welcome to attend. For more information, contact Peter Grant at 306-966-6675 or e-mail peter.grant@usask.ca.

Gathering for miyo mahcihowin (physical, mental, emotional and spiritual well-being)

March 15-16, 2018, Saskatoon Inn, 2002 Airport Drive Saskatoon, SK. You're invited to this groundbreaking, multifaceted gathering on First Nations, Métis and Inuit health with topics chosen by our community partners. The U of S health science colleges and schools invite health professionals, Indigenous health service organizations, students, community partners and key Indigenous stakeholders to this two-day Gathering. To set the foundation for the event, the planning committee engaged indigenous community members and invited them to identify health priorities; identified priorities include mental well-being, access to services, chronic diseases and promising approaches to wellness. Visit healthsciences.usask.ca/miyo-mahcihowin or call 306-966-7823 for more information.

President Emeritus Peter MacKinnon entitled University Commons Divided: Exploring Debate and Dissent on Campus.

Feb. 13, 4:15 - 5:30 pm
Gordon Oakes Red Bear Student Centre
Introduction by U of S President Peter Stoicheff Book signing and reception to follow. Event will also be livestreamed. For more information visit: canada150.usask.ca/events/2018/01/Peter_MacKinnon.php

COURSES/WORKSHOPS

Edwards School of Business, Executive Education

Call 306-966-8686, email execed@edwards.usask.ca or visit edwards.usask.ca/execed.
• Feb. 15 and Mar. 15, The Engagement Series:
• Feb. 15, Boosting Energy-Taking a Break

- to Get a Grip - Saskatoon
- Mar. 15, Tapping Passion-Moving Beyond Mid-Life Malaise - Saskatoon
- Feb. 27, Emotional Intelligence: Another Side of Smart - Saskatoon
- Feb. 28, Creating Impact Through Branding and Advertising - Saskatoon
- Mar. 7, Lunafest International Film Festival - Saskatoon
- Mar. 8–Jun 23, The Masters Certificate in Project Management - Saskatoon
- Mar. 13–15, The Business Analyst's Course - Regina
- Mar. 14, Type and Stress Management-Getting Back to Balance – Saskatoon
- Mar. 19–23, Certified Coach Training – Saskatoon
- Mar. 20, Leadership Essentials for Supervisors – Saskatoon
- Mar. 23–May 23, Speak! Canada – Saskatoon
- Mar. 27–28: Conflict Resolution in the workplace – Saskatoon
- April 4, Managing Difficult Conversations - Saskatoon
- April 10, Appreciative Leadership – Saskatoon
- April 11–13, Digital and Social Media: Strategy and Tactics – Saskatoon
- Apr. 11–13, What the Non-Financial Manager Needs to Know About Financial and Managerial Accounting – Regina
- April 16-18, The Project Management Course – Saskatoon
- April 24-May 22, The Leadership Development Program – Saskatoon
- The Operational Excellence Certificate:
 - April 23-24, Master Clinic on Solving Tough Problems – Saskatoon
 - April 25-26, Process Metrics, Measurement and Controls – Saskatoon
- April 30–May 1, Developing a Coaching Mindset – Saskatoon
- May 1–2, Technical Writing – Saskatoon

- May 2–3, Networking-The Art of Building Relationships – Saskatoon
- May 14–16, The Project Management Course – Regina
- May 23–25, Digital and Social Media Program: Metrics, Measurement and Analytics – Saskatoon
- May 25–June 1, Effective Executive Leadership Program – Waskesiu Lake

Registration for one-week intensive French immersion course

Feb. 12–16, Williams Building. All levels offered (beginner to advanced). This week-long program consists of 40 hours of learning (Monday–Friday, 8:30 am–5 pm). Highlights of the program include themes, vocabulary, and grammar taught with the communicative method, language lab exercises, group projects, guided conversations, discussions and debates. Friday final luncheon included. For more information, visit ccderegister.usask.ca.

College of Education Students' Society professional development workshops

These events are tailored to education students, but are open to everyone. There is a fee of \$4 for Education Students' Society members and \$6 for non-members. Please sign-up at the Education Students' Society office in Education Room 1009. For more information, visit education.usask.ca/ess.

- Feb. 9, 10 am–1 pm, Project WET. This is a fun, hands-on inquiry-based program focusing on interdisciplinary approaches with fun learning activities.
- March 2, 10 am–noon, Creating Inclusive Classrooms. This is an introductory session into terminology and identities within the LGBT community along with a discussion of identity, proper language and inclusive action to take in the classroom.
- March 9, 10 am–noon, Teaching Students about Healthy Relationships. This session is based on the Fourth R program and will

provide information for teachers to help their students with the difficult task of maintaining healthy relationships.
• March 16, 10 am–noon, Recognizing the Signs. Learn about the nature of youth gangs, the correlation between gang presence and the availability of weapons and drugs as well as how to recognize gang indicators within the school population and community.

MISCELLANY

Kids Italian cooking class

Feb. 10, 9 am–2 pm, 2B64 Health Sciences Building (food and nutrition lab). Would your child enjoy a hands on cooking experience with Italian food? Come and join us for an Italian cooking class for children aged 9–12 years where nutrition students will assist your children to prepare a three-course Italian menu. The menu includes homemade pasta with tomato sauce and meatballs, garlic parmesan rolls, Caesar salad and homemade ice cream. Tickets are available for \$25 at picatic.com/KidsItalianCookingClass and include all delicious food, fun games and maybe secret prizes. Spots are limited. For more information, contact Ali McMillan at abm942@mail.usask.ca.

Group-based self-care training program

Graduate or professional students studying in health programs are needed to take part in a group-based self-care training program. Eligible students will be randomly assigned to either an immediate training group or a wait-list control group. Participants will have the opportunity to learn about self-care and how values can inform self-care. For more information, call 306-966-6731 or email selfcare.research@usask.ca.

Next OCN: March 9, 2018
Deadline: February 26, 2018



UNIVERSITY OF SASKATCHEWAN
Protective Services
USASK.CA/PROTECTIVESERVICES

The following is a list of recent incidents reported to U of S Protective Services. If you have any information about these, or any other incidents, please contact Protective Services at 306-966-5555.

Possession of stolen property

On Jan. 9 officers stopped a suspicious individual on a bicycle near the Cancer Clinic. Upon inspection, it was discovered that the individual was in possession of a stolen bicycle and wanted for warrants with the police. The bicycle was seized by Protective Services and returned to its owner.

Fire extinguisher sprayed

Protective Services was notified that persons unknown sprayed a fire extinguisher in the courtyard between the Arts and Law Buildings on Jan. 22. Officers are investigating.

Theft of laptops

Two laptops were stolen from Arts room 48 during the evening of Jan. 23. Both laptops were detached forcibly from their security cables which would have resulted in damage to the body and casing of

each laptop. Both laptops are described as being Lenovo T440p laptops, black in colour. Anyone with information is asked to contact Protective Services.

Broken ceiling tile

Residence custodians reported on Jan. 14 that a ceiling tile had been purposefully broken on second floor of Saskatchewan Hall. Anyone with information regarding this damage should contact Protective Services or Residence.

Broken door glass

Officers were dispatched to Pine Hall to investigate damage to the front doors of the building on Jan. 27. Surveillance cameras in the area identified a male subject who had kicked the door several times causing it to break. Upon arrival, officers were able to identify the individual who had sustained injuries as a result of

the related mischief.

Vehicle struck fire hydrant

Protective Services received a call regarding a vehicle which was stuck near Veterinary Road on Jan. 28. A tow truck was contacted to assist with the removal of the vehicle at which time it was discovered that the vehicle was caught on the remains of a fire hydrant which had been sheared off due to the collision. U of S grounds were able to isolate the hydrant so the vehicle could be removed without concern.

Mischief in Agriculture

Sometime during the morning of Jan. 27 an unknown individual pulled a poinsettia and an aloe vera plant from their pots in the atrium of the Agriculture Building. Nobody has been identified, however, University Grounds was able to save the plants and put them back into the display.

FROM PAGE 10

Helping athletes excel

academics or other avenues.

“This opportunity will help develop the young people to feel comfortable with the university and know the university atmosphere by experiencing it at a very young age,” said STC Chief Mark Arcand. “I have seen the lack of opportunities for young people in sports throughout our First Nations communities, by the lack of infrastructure and personal trainers. My passion and vision is to eventually see more First Nation children going to university and

receiving scholarships based on their education and sports ability.”

And in Olver's experience, planting a foot in the university's gymnasium at a young age is one of the best ways to start planning for a future in its classrooms.

“When you go through those years—especially when you're trying to figure out where you belong and fit in in high school—if they know in their heads that this environment is somewhere they enjoy and are accepted, that's where they're going to want to go,” said Olver. ■

Parking Services supports USSU programs

Parking Services got into the spirit of giving early this past holiday season.

All parking tickets on campus incurred during November, and paid before December 8, were reduced by 50 per cent, with all the proceeds going towards University of Saskatchewan Students' Union (USSU) programs.

"We wanted to do something that would not only support those on campus but that the proceeds would be available for the Christmas

season," said Dwayne Kawchuk, manager of Parking and Transportation Services at the U of S.

The USSU, among its many other duties and missions, is responsible for bringing student programs to campus such as the Food Centre, the rink in the Bowl, Safewalk and others.

During the month of November, Parking Services was able to donate \$7,495 to the USSU programs and initiatives.

"It was great to see the positive comments about the promotion and have people appreciate that they were helping out others," said Kawchuk.

"We are grateful that Parking Services took the initiative to do this for the students and campus," said USSU President David D'Eon. "We appreciate all the support we receive on campus and are excited to put these funds towards bettering life on campus for students." ■

Farm Credit Canada invests in LFCE

ROXANNE MCHATTIE

Farm Credit Canada (FCC) has committed \$100,000 towards the construction of the U of S Livestock and Forage Centre of Excellence (LFCE)—a facility that will unite livestock and forage research, and allow for enhanced teaching and outreach.

Marty Seymour, FCC's director of industry and stakeholder relations, said that FCC was eager to support the project, knowing the positive effects the centre will have not only on the cattle and forage industries, but on students who will have access to the most advanced facilities and best practices.

"We are proud to invest in projects that support agriculture research and enhance the student experience," Seymour said. "This will also help attract the best and the brightest into pursuing an education and future career in agriculture."

FCC has been supporting agricultural initiatives at the U of S for more than 30 years, including student awards, helping fund the construction of the Rayner Dairy Research and Teaching Facility, and providing funds to refurbish a study area for agriculture students.

Mary Buhr, dean of the U of S College of Agriculture and Biore-sources, said the support of donors like FCC has been crucial in helping bring the vision of the LFCE to reality.

"When we brought forward



Janelle Smith, MSc candidate in the Department of Animal and Poultry Science, will be one of the first students to conduct research at the newly constructed LFCE facilities once open in spring 2018.

SUBMITTED

the LFCE initiative to Farm Credit Canada, they recognized the potential of these facilities and this centre to benefit the cattle and forage industries, to advance research, to help producers gain access to new innovation and to provide the human capacity and leadership that our industry needs," Buhr said. "We are grateful for their support."

FCC's donation will go towards construction of the livestock and food building at the Clavet site, which will house a meeting room and handling facilities equipped with real-time video capability, allowing in-house and distance

education and outreach activities to be conducted.

Two new facilities for the LFCE are expected to be completed in the spring of 2018 and will complement current livestock and forage research sites. The LFCE, a partnership between the U of S, the livestock and forage industries, and the Saskatchewan and federal governments, will unite livestock and forage field laboratories and science labs in a collaborative centre with a total cost of \$36 million. ■

Roxanne McHattie is a development communications specialist in University Relations.



Mendez

Seven U of S projects are set to receive funding through a unique partnership focusing on the patient-oriented approach to research.

The Sprout grant for patient-oriented research is supported by the Saskatchewan Health Research Foundation (SHRF) and the Saskatchewan Centre for Patient-Oriented Research (SCPOR). Totalling over \$1.2 million, this investment will cultivate research in Saskatchewan to address patient-identified priorities with the goal of growing patient-oriented solutions for the health care system.

U of S projects receiving Sprout grants include:

- **A Collaborative Approach to Comprehensive Screening and Assessment of Fall Risk for Older Adults Across the Continuum of Care in Saskatchewan.** Principal investigators: Catherine Arnold (School of Physical Therapy) and Daphne Kemp (Saskatoon Health Region).
- **Bringing Birth Back: Improving Access to Culturally Safe Birth in Saskatchewan.** Principal investigator: Angela Bowen (College of Nursing).
- **Sâkipakâwin - Assessing the Support Needs for Saskatchewan Indigenous Cancer Patients and their Families: A Multi-Method Study.** Principal investigator: Dr. Gary Groot (College of Medicine).
- **Efficacy of Nordic Walking to Improve Physical Function, Quality of Life and Posture in Women with Osteoporosis, History of Vertebral Fracture or Hyperkyphosis.** Principal investigator: Saija Kontulainen (College of Kinesiology).
- **Exploring the Needs for and Developing Resources for Families Affected by Addiction in Prince Albert, Saskatchewan.** Principal investigators: Geoffrey Maina (College of Nursing) and Marcella Ogenchuk (College of Nursing).
- **Improving Health Outcomes of Kidney Recipients: A Randomized Controlled Trial of a Pre-Transplant Education Intervention.** Principal investigator: Holly Mansell (College of Pharmacy and Nutrition).
- **Development and Evaluation of a Remote Robotic Ultrasound Clinic Model to Improve Access to Medical Imaging in Rural, Remote and Indigenous Communities.** Principal investigators: Dr. Ivar Mendez (College of Medicine) and Dr. Brent Burbridge (College of Medicine). ■

ON TIME TRAVEL . . .

Pack your bags and set your sights on memory lane, because this year's *On Campus News* back page features landmark moments and events from our storied 110-year history.

Have a particular event you'd like to see featured? Let us know about it at news@usask.ca.

With files from University Archives and Special Collections.



A-4659
From left: M. Adaskin, N. Bisha, R. Klose
and E. Bishe.



A-2669
Adaskin and Kolbinson

FEBRUARY 1969

FIRST AMATI QUARTET PERFORMANCE

In 1959, Kindersley-area farmer and collector Steve Kolbinson sold a set of rare musical instruments to the University of Saskatchewan. The sale price was minimal—just \$20,000 at the time—but Kolbinson's vision was that the instruments remain in the province and be enjoyed by the people of Saskatchewan.

The instruments—two violins, a viola and a cello—dated back as early as 1607 and were built by the Amati family of Cremona, Italy. Amati are known for crafting fine, highly sought-after string instruments; Queen Elizabeth II has a rare Amati viola.

Around the time the instruments arrived on campus, violinist

and composer Murray Adaskin was looking to form a Canadian string quartet while serving as composer-in-residence at the U of S. He sought out three other musicians and on Feb. 2, 1969 he took to the stage alongside faculty members Edward Bisha (cello), Norma Lee Bisha (second violin) and Michael Bowie (viola)—marking the first performance of the University of Saskatchewan Amati String Quartet. They played together until 1971.

Currently, these pieces comprise the only quartet of Amati instruments in Canada, and one of the few in the world still used in performances.