



DISCOVERY IN COMMUNITY CLASSROOMS

With renewed funding from the Natural Sciences and Engineering Research Council of Canada, *Kamskenow* will continue to bring engaging science and math education to community schools in Saskatoon. Last year, the program put science outreach instructors into 42 classrooms at 14 schools in the Saskatoon area, for 90 minutes once a week for 13 weeks. Read the full story on Page 5.



DAVID STOBBE

University Library changing with times

Consultation key to creating overarching master plan

KRIS FOSTER

Over the next decade, the University Library will write a new chapter that will include changes to physical spaces and services offered in order to respond to the changing information landscape.

Guiding this change, explained Charlene Sorensen, interim dean of the University Library, is a master plan that will be developed over the coming months with the help of the entire university community.

“We are looking at all of our library space so we can figure out where we are heading, what space can be used for; that’s something we can’t decide as we go,” said Sorensen. “I always compare this process to painting your house—you have all these rooms to paint and you need a plan to co-ordinate the process

and achieve a cohesive result.”

Building on the broad changes to the ground and first floors of the Murray Library—which included the creation of the learning commons, a number of group spaces, the writing and math help centres and a Starbucks—this master plan will outline steps for each library space on campus.

“All seven library branches will be part of a process to determine how these spaces can best be used,” said Sorensen, adding that Group2 Architecture Interior Design will create the

master plan through extensive consultation with faculty, students and staff at the U of S. “This is about determining what is ideal for our libraries and figuring out the steps to get to the ideal.”

While Sorensen said changes have yet to be determined, she was clear that changes are needed and will continue the work of the past decade that saw the refurbishing of spaces and reconfiguring of collections.

“For more than a decade we have seen changes in the way libraries are used. Because of the explosion of digital information, libraries need to be more on-demand than ever before,” she said, adding that while visitor numbers at most U of S library branches continue to grow by leaps and bounds, print collection use has gone in the opposite direction.



Sorensen

“The digital age has brought transformative change to the scholarly information environment and has dramatically changed the way faculty and students use libraries. The need for change remains and is vital to ensure our library continues

to meet the information needs of the campus community,” said Sorensen.

“It is time to transform the University Library. It is good for the students to help them achieve their academic and research goals. It will also address changes in how research is done and knowledge created. We are excited that the university sees the library as a priority.”

Students and faculty, Sorensen continued, see the potential of libraries at other institutions, like the University of Calgary and Concordia University, and they “will wonder why we don’t have that here at the U of S. This will help keep us competitive in post-secondary education.”

In broad strokes, Sorensen continued, potential changes will include refurbishment,

See *Planning*, Page 4

INSIDE



ICE MAN 2



MILKING IT 6



Making hockey history

U of S honorary degree recipient Mike Babcock a Stanley Cup, Olympic and world champion

JAMES SHEWAGA

LIGHT IMAGING

Mike Babcock was a wide-eyed teenager when he followed in the family footsteps to take classes at the University of Saskatchewan back in 1981. Little did he know that one day he would become one of the most decorated coaches in hockey history.

The 53-year-old former member of the U of S Huskies hockey program has gone on to become the only head coach to win the three most prestigious championships in hockey—the Stanley Cup (2008), an Olympic gold medal (2010 and 2014) and a world championship (2004). The U of S will pay tribute to Babcock at Spring Convocation ceremonies on June 2 when he is awarded an honorary Doctor of Laws for outstanding achievement and exceptional service to the community.

“I don’t know if you can ever in your wildest dreams think of this stuff,” said Babcock, the Toronto Maple Leafs head coach who will also guide Canada’s team in the World Cup of Hockey in Toronto this fall. “But if you

keep opening doors for yourself and embrace lifelong learning, like the U of S sets you up to do, then you have a chance ...

“Getting a university degree doesn’t guarantee success, but it gives you a platform to pursue it and then it’s up to you. So it’s a launching pad, but it’s a heck of a launching pad. And to me, I’m living proof that dreams do come true.”

Indeed. Babcock’s remarkable resume is a story of success that starts right here in Saskatoon. After playing junior hockey with his hometown Saskatoon Blades, Babcock moved on campus to join the U of S Huskies and play for legendary coach Dave King, who would go on to guide Canada’s national team and coach in the

National Hockey League.

“I was a kid who had left major junior hockey to play at the U of S and I didn’t know much about education or about where I was going, or what I was doing,” said Babcock, whose mother, wife, and his sisters and their children all attended the U of S. “Dave was a renowned coach at the time and the U of S had a good program, I think we lost in the national final that year. He had a veteran team and I was one of the young guys on it and I enjoyed my time at the U of S. It was great. And for me, growing up in Saskatoon, when you get an opportunity to go to the school in your town, it’s a special, special place.”

Babcock later moved on to finish his degree at McGill

University, where he also did some post-graduate work in sports psychology, before embarking on a brief pro career in hockey overseas as a player/coach that kick-started a coaching career that has now

“When you go across the country, you meet people who are U of S grads who are doing well and that are having an impact on society and more importantly, they are having an impact on their family and the people around them because they love what they do. And when you do that, it is contagious.

Mike Babcock

spanned almost three decades.

Getting his education before taking a shot at pro hockey was important to Babcock, who

knows better than most how fewer than one percent of players in junior, college and university hockey ever play in the NHL.

“I think it is so important to get your education, obviously,” said Babcock. “It builds a foundation for the rest of your life. It gives you a platform to pursue your passion and your goals and your dreams. The other thing about sports is sports end, especially if you are a player. It ends and it ends young. And what are you going to do with the rest of your life? So you need something and I am a big believer (in education).”

A former teammate of current Huskies head coach Dave Adolph, Babcock is one of three former U of S hockey players from Saskatchewan who fill three of the 30 head coaching positions in the NHL, along with Todd McLellan (Edmonton Oilers) and Willie Desjardins (Vancouver Canucks).

“There have been a whole bunch of us (from the U of S) over the years and who knows why that has happened, but what I believe and one of the reasons why my wife and I bring our kids home every summer, is there is something about the authenticity of the people of Saskatchewan,” said Babcock, who played with Desjardins on the Huskies in 1981-82 and had McLellan alongside as one of his assistant coaches during Babcock’s 10-year stint as head coach of the Detroit Red Wings. “When you go across the country, you meet people who are U of S grads who are doing well and that are having an impact on society and more importantly, they are having an impact on their family and the people around them because they love what they do. And when you do that, it is contagious.”

Babcock reached the

See *Special*, Page 3

WWW.EDWARDSMBA.CA

R E D E F I N E
GLOBAL PERSPECTIVE

INTERNATIONAL STUDY TOUR

Edwards MBA students complete a two week International Study Tour which is designed to enhance the classroom curriculum by providing first-hand exposure to industries, organizations and business practices in another country. Our students develop an approach to management that is both integrative and strategic, gaining a deeper understanding of organizations and their local and global context.

APPLY NOW! APPLICATION DEADLINE IS MAY 31, 2016.

EDWARDS
SCHOOL OF BUSINESS
UNIVERSITY OF SASKATCHEWAN

MASTER OF BUSINESS
ADMINISTRATION

Huskies all-Canadian ready to go pro

✍️ JAMES SHEWAGA

It has been a year to remember—a career to remember, in fact—for Laura Dally.

The University of Saskatchewan sociology student and all-star member of the Huskies women's basketball team capped her five-year career with a national championship title, while also being named Canada West player of the year, the U of S female athlete of the year and a first-team all-Canadian.

"I am really lucky and it's been an amazing year," said Dally. "Even if we didn't win, (coming to the U of S) still would have been one of the best decisions that I have ever made. The girls on the team and the coaching staff were so welcoming, people in the community, people at the gym, everyone was just so supportive ... it was amazing."

While 2016 has already been filled with an awesome array of awards and accolades and a treasure trove of titles and trophies, it is only the beginning for the 23-year-old native of Bright's Grove, Ont. Dally, who

is scheduled to complete her sociology degree studies in the spring session and graduate at Fall Convocation, is also preparing to move on to play professional basketball overseas this fall after completing a star-studded Canadian Interuniversity Sport career with the Huskies.

Dally recently signed with an agent at Toronto-based Slan Sports Management, which is securing a contract for her to play in Europe in 2016-17. For Dally, a six-foot-tall guard with the size, skills and shooting ability that pro teams covet, it is a chance to fulfill a dream to play professionally and travel internationally, while also giving her a year to figure out what she wants to study next in her academic career.

"(Playing professionally) is definitely not something that I am going to do until my body breaks down, but it is an opportunity to see other parts of the



Laura Dally, Canada West player of the year, the U of S female athlete of the year and a first-team all-Canadian.

✉️ SUBMITTED

world, which is something that I have always wanted to do," said Dally. "And for me, for school, I am not too sure what I will do

next, so this is a good chance for me to take a break and think about that and then decide what to study."

If that was not enough, Dally may also have a chance to represent Canada on the biggest international stage this year, when Huskies head coach Lisa Thomaidis guides the national women's basketball team at the Summer Olympic Games in Rio de Janeiro. Dally is one of 24 players who have been picked to take part in the national team

selection camp in Edmonton, beginning May 21.

"The players on that team, those are the girls that I have looked up to and they have brought Canadian basketball to another level, and to be on the same court as them would be unreal," said Dally, who also donned a Team Canada jersey last summer when she helped lead the national women's development team to a silver medal at the World University Games in Korea.

It may be a long shot for Dally to play in the Olympics straight out of university, but Thomaidis said she has earned the right to be considered one of the best players in the country and to take part in a competitive camp that will also help her prepare for turning pro.

"Laura was so impactful for our team this season and she was exceptional at the national championship tournament and showed why she was one of the best basketball players in the CIS," said Thomaidis.

"Having her come to our (Canadian) senior camp in May will be a tremendous opportunity for her as she continues to develop her game and prepare for a professional career in Europe ... Laura will have a great career as a professional because she already carries herself like a pro. Her work ethic and determination is something that is rarely seen in individuals, and is what sets her apart." ■

Supporting university community with VTRA

✍️ HENRYTYE GLAZEBROOK

When people see worrisome changes in their friends or colleagues, Robert Kliewer wants to help them find the assistance they need.

It is this goal that drives the Violent Threat Risk Assessment training program (VTRA), which aims to help people identify behaviour changes in those around them that may indicate a deeper issue or possibly even harmful actions.

"It's based off of worrisome behaviours. If you're witnessing behaviours that are concerning to you, what do you do with that information?" Kliewer said.

"It's all about giving people the information of where to turn so that they understand that there are supports for them here on campus, and specifically who those people are."

Kliewer is an emergency planning manager with University of Saskatchewan safety resources, where he is among the co-ordinators of VTRA. The program spreads awareness of mental health issues, possible indicators of personal distress and how to best connect those in need with the help they require—be it the support of friends, family or even professional psychological assistance.

The program was first introduced to campus in 2013, when the Public Schools Board of Education and Greater Saskatoon



Kliewer

Catholic Schools brought it to campus as part of a larger community push.

While VTRA includes many Saskatoon and area partners, including Saskatoon Police Services, Saskatoon Fire Department and Saskatoon Health Region, Kliewer said it is one small part of a larger mental health initiative that spreads well beyond the city's borders.

"It's not just a university initiative; it's a nationwide community approach to addressing, proactively, these types of issues," he said.

Though VTRA does offer 25-minute presentations every six months on some easily identifiable worrisome behaviours—including uttering threats, substance abuse and anti-social conduct, among others—Kliewer

stressed that the program is less about training people to diligently report others than it is to encourage peers to help each other.

"It's more of a supportive approach than, say, a watchful eye. The goal is: 'Hey, someone's got an issue going on; we've identified a type of behaviour that's not typical for them. How do we support them?'" he said. "It's prevention of violence, and coming up with a good intervention plan to support that person."

Kliewer said that younger people on campus, such as students, are often already quite good at identifying worrisome behaviour and encouraging each other to seek help through their friends, family, other loved ones or professional channels. However, he continued, part of what VTRA is striving to do is persuade older generations to act similarly.

"Now that there's actually a process and people trained in support, we need to really get that out there and change the culture and change the mindset of our long-term faculty and staff," he said, adding that this change can be monumental for some.

"We're asking people to do something here that they've never been asked to do before: share information, share worrisome behaviours that people are identifying. That's a huge thing to ask people." ■

Special honour

From Page 2

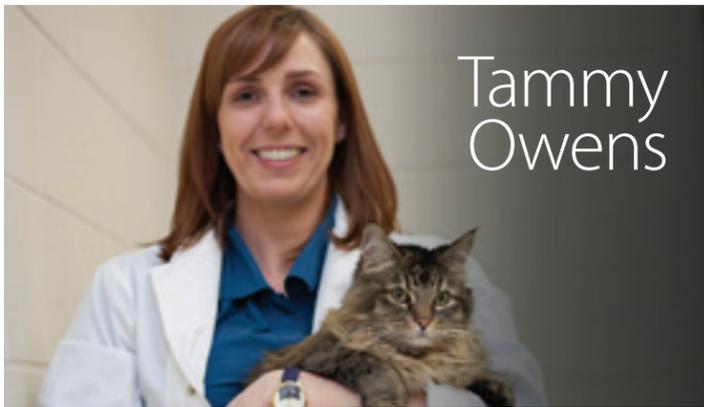
pinnacle of the profession by leading Detroit to the Stanley Cup in 2008, bringing Lord Stanley's mug to campus that summer for a trip to Royal University Hospital. He is excited to return to the U of S next month for this spring's convocation ceremonies.

Babcock will become the latest Saskatchewan sports star to be awarded an honorary degree from the U of S, joining the likes of NHL legend Gordie Howe and former Canadian Olympians Diane Jones-Konihowski and Catriona Le May Doan. He said he is truly honoured to join the

select company of honorary degree winners, a U of S tradition dating back to 1919.

"It's special," said Babcock, who is also well known for his charity work in the community. "You don't grow up thinking that someone is going to give you an opportunity like this (to coach at the highest level). What you try to do is you try to treat people right and you try to work hard and enjoy what you are doing and share your passion with others. And if you are fortunate enough to find your passion and you get to work at it, then you never have a job in your life, you just get to do what you love to do. So I have been very fortunate." ■

Spring Convocation takes place May 30- June 2 at TCU Place. In attendance with this year's graduating students will be six honorary degree recipients, including Mike Babcock, as well as other award winners. The May 27 issue of *On Campus News* will have a special convocation feature.

NEW TO US

Tammy Owens

With seven cats at home, Tammy Owens joked that she has almost enough to run a valid feeding study—something entirely appropriate for someone specializing in animal nutrition at the Western College of Veterinary Medicine (WCVM).

Owens joined the U of S faculty as an assistant professor in the Department of Small Animal Clinical Sciences in January, recruited to add a new nutrition component to the curriculum.

Her path to veterinary medicine began in Sandpoint, Idaho, close to the British Columbia border. A desire for a quality education and to see a bit of the country drew her to Bryn Mawr College in Pennsylvania, where she completed her undergraduate degree in biology. She worked in an immunology lab and as an EMT and considered a career in human medicine before personal circumstances drew her back across the continent to Las Vegas and a job at a veterinary clinic.

"I started pretty low on the totem pole, wrapping surgical packs," she said. "I was really putting my college degree to good use!"

But the humble job led to training as a licensed veterinary technician and a clear career path. "I decided to be a veterinarian, which is what I wanted to be up until the point I was about 13," she said.

She crossed the country yet again to pursue her veterinary degree at Ohio State University, followed by an internship at Mississippi State University and two years working as an emergency vet at a private veterinary hospital in Tucson, Arizona. The hands-on work impressed upon her the importance of nutritional support for patients, inspiring her to complete a residency in clinical nutrition at the University of California. She continues to pursue further research there, now at a distance as she did not want to pass up the U of S opportunity.

Her first few months on the job have been consumed with teaching at the college veterinary clinic and creating the new curriculum on regular and therapeutic diets, that is, feeding to control conditions like kidney disease and obesity. Owens also fields calls from practicing vets across the country on questions of animal nutrition, particularly in cats. This is where her research interests lie.

"There are just a lot of unanswered questions," she said. "Although we have a lot of ecological data in terms of what cats eat in the wild, we have very limited information in terms of what the actual nutritional composition of that diet is."

Confounding the issue is that the sunbeams-cuddles-canned food lifestyle of a family pet is far removed from the carnivorous hunt, eat-whole-prey and reproduce life of a feral cat.

"Some pet owners do interpret 'carnivore' as needing to feed a raw meat-based diet, but we simply don't have any evidence that such a diet is best for long-term maintenance of health in pet cats," Owens said.

"Raw diets are quite popular, and I've been contacted several times by veterinarians in different places in Canada with questions," she said. "There are definitely a lot of concerns with feeding raw diets and a lot of veterinarians feel ill-equipped to deal with that." ■

New GSA president primed for progress

LESLEY PORTER

A desire to change things for his fellow students initially attracted Ziad Ghaith to the Graduate Students' Association (GSA), and that will to help others kept him on the executive for another year as president.

"I have a real passion to help my peers achieve their goals, academic and non-academic," said Ghaith, a PhD student in the Department of Bioresource Policy, Business and Economics in the College of Agriculture and Bioresources.

Ghaith served as the VP operations from 2015-16, during what he called "the crazy year." At the time, the GSA's goal was to rebuild trust among its members, and "to some extent, we achieved that," he said. The executive also began further planning for some longer-term strategic goals, which appealed to Ghaith.

"At the end of the year I realized there were still quite a few things that I hadn't yet achieved," he said. And so he set his eyes on the presidency, and ran uncontested in the April election.

One of those initiatives he is looking forward to involves increasing the number of graduate students within university governance. Ghaith


Ziad Ghaith, president of the Graduate Students' Association (GSA).

LESLEY PORTER

explained that the policies regarding committee representation were drafted when the graduate student count was

student voices are crucial to the university.

Another goal is to assist with promoting the university's Aboriginal engagement initiatives.

"We were really motivated as a team last year to assist the university in achieving their vision of indigenization," he said. "One of my goals is to continue

pushing this forward and help to make the GSA a leader and an example."

He will also investigate the many challenges international

See *Balancing*, Page 7

“It's very challenging, but when you have a passion towards something, everything is doable.”

Ziad Ghaith

less than its current number of about 15 per cent.

"We, as graduate students, are underrepresented in different university committees—important committees," he said, adding that graduate

Planning set to begin

From Page 1

revitalization, and transformation of library collections, services and facilities.

"Overall, we are looking at how prime real estate should be used so that it is active space for learning, research and study," said Sorensen, adding that some examples of how space could be used include maker-space (creative, DIY space where people can gather to create, invent and learn), research commons for debate, discussion and collaboration, display and exhibit spaces, and quiet space to study and reflect.

University Archives and Special Collections, currently tucked away on the third floor of the Murray Library, could, for example, see its space improved not only in terms of size with the addition of a digitization centre, but also in terms of access to rare and unique materials and appropriate environmental conditions for the collection.

Naturally, the library collection will change as well.

"To create these fantastic spaces we do need to do some planning around the collection in advance.

"This is not about getting rid of books; books are important. But by changing the way we view our collections in our spaces, we can make the space the best it can be for our users," Sorensen continued. "It doesn't mean books are less important, but it does mean they can be stored in different ways."

The collection, Sorensen stressed, will always be available, but because of the declining usage of books, the University Library will be examining how the collection is stored on campus. Sorensen said there are three main ways the library will reconfigure the collection: using compact mobile shelving in the Murray, Science and Health Sciences Libraries; using other storage space on campus; and removing duplicates.

To be sure, it is a big undertaking with planning and consultation expected to start in May, with the final master plan anticipated in December.

"This is about moving all libraries in chorus," said Sorensen. "But we aren't going to do this unilaterally. We want people from all across campus involved because we know that the process and final outcome will be better with more input."

To that end, from May to October "we will be gathering information from the campus community in a variety of ways," Sorensen said. "There will be online surveys, open houses and pop-up consultations all around campus with student consultations starting when they return in the fall."

Additionally, a core stakeholder group, consisting of about 40 members from a range of colleges, schools, student groups and administrative units, has been created to ensure all pockets on campus have a voice in the process.

Sorensen said that because libraries are for everyone on campus, she hopes everyone will get involved in the process.

"There will be so much positive coming from this. This is really exciting." ■

On Campus News is published 18 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*.

News Editor: Kris Foster

Writers: HenryTye Glazebrook, Lesley Porter, Michael Robin, James Shewaga

Designers: Brian Kachur, Pierre Wilkinson

Editorial Advisory Board: Rajat Chakravarty, Patrick Hayes, Fiona Haynes, Sandra Ribeiro, Sharon Scott, Stephen Urquhart, David York



ISSN: 1195-7654 PUBLICATIONS MAIL AGREEMENT NO. 40065156

Return undeliverable Canadian addresses to:

UNIVERSITY OF SASKATCHEWAN
MARKETING AND COMMUNICATIONS

G16 THORVALDSON BUILDING, 110 SCIENCE PLACE, SASKATOON, SK S7N 5C9

Email: communications@usask.ca

The science behind classroom engagement

Outreach program builds community connections

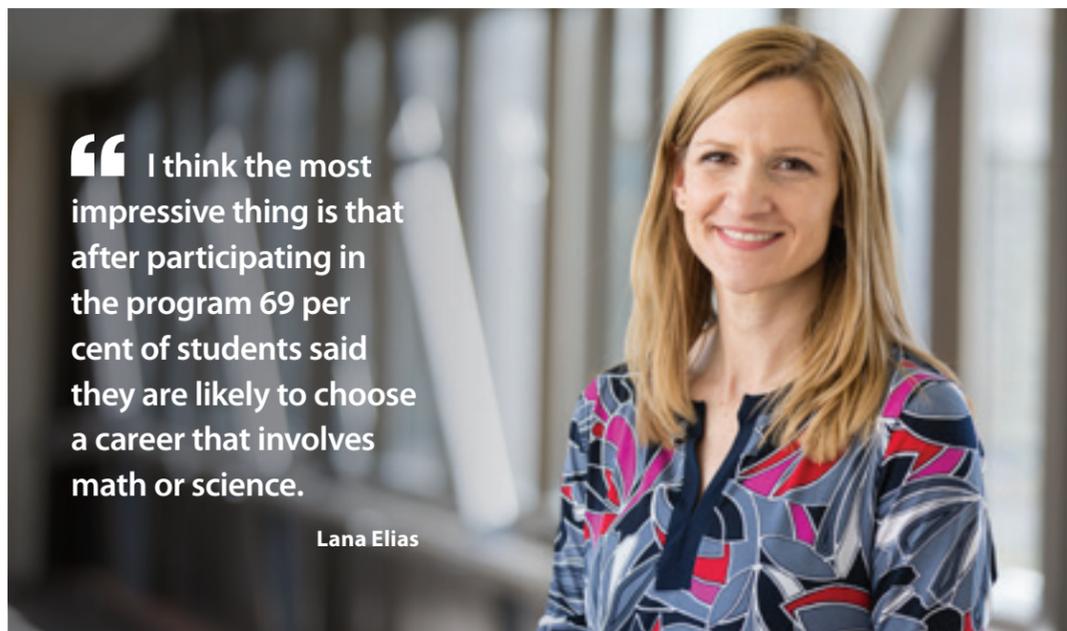
✍ MICHAEL ROBIN

Kamskénow, an award-winning U of S outreach program that brings engaging science and math education to community schools in Saskatoon, has just received renewed funding through PromoScience, a program of the Natural Sciences and Engineering Research Council of Canada (NSERC).

“NSERC funds are fabulous because we certainly have the demand, and to have the three-year funding, that’s just a dream,” said Lana Elias, director of science outreach with the College of Arts and Science at the University of Saskatchewan. “It allows us to do some forward planning which is such a blessing.”

The program, which started with only one classroom in 2009, just finished its seventh year. It is also supported through a number of organizations including its title sponsor, PotashCorp.

The name of the program, *Kamskénow* (gum-SKAY-noh), which means “to find, to learn, together” in the Cree language, was bestowed by local Elder Katie Poundmaker.



Lana Elias, director of science outreach with the College of Arts and Science.

DAVID STOBBE

“ I think the most impressive thing is that after participating in the program 69 per cent of students said they are likely to choose a career that involves math or science.

Lana Elias

Last year, *Kamskénow* put science outreach instructors into 42 classrooms at 14 schools in the Saskatoon area, for 90 minutes once a week for 13 weeks. The program culminates with the students visiting the U of S campus for further activities in actual university classrooms and labs.

“Howler came to give high fives to the kids as they came off the bus,” Elias said, describing the welcome to campus by the U of S Huskies mascot.

Elias explained that *Kamskénow* also creates opportunity for U of S students to share knowledge and serve as role models of people pursuing careers in natural sciences, education, engineering and health sciences. Last year, the outreach team employed two undergraduate and 11 graduate students, including one Aboriginal student.

Kamskénow’s goal is to get more Aboriginal children interested in science, and according

to the stats, it is succeeding. When surveyed at the program’s end, students nearly unanimously gave it a good or very good rating, and most reported they liked science more.

“I think the most impressive thing is that after participating in the program 69 per cent of students said they are likely to choose a career that involves math or science,” Elias said. “Another 24 per cent are undecided, which says to me that most of the students would now consider such a career.”

Elias explained *Kamskénow* is offered in partnership with Saskatoon Public Schools and Greater Saskatoon Catholic

schools. The program is focused on designated community schools, which tend to have a high proportion of First Nations and Métis students.

“We want kids to discover science through fun and exciting hands-on activities presented in a culturally responsive way,” Elias said. “We’ll do dissection of owl pellets and the kids will determine what type of skulls they have and how many there are. But we will also bring in Aboriginal legends, for example, ‘how the owl got its big eyes.’”

Kamskénow offers six levels of programming, with about 100 different presentations comprising about 300 different activities.

“We’ve developed quite a lot of material,” she said. “Someone that’s in the Grade 4 program can do the Grade 5 program in the next year and not repeat anything.”

Kamskénow’s popularity is such that it would have to more than double in size to meet demand. Elias said about 60 teachers were on the waiting list to have their classrooms participate this year. Its quality has also been recognized internationally, with two Global Best Awards in the Science, Technology, Engineering and Math (STEM) category through the International Education Business Partnership Network, affiliated with the Conference Board of Canada. ■



NSERC Vice-President Pierre Charest joins a *Kamskénow* class with a Grade 4 student from Pleasant Hill Community School during a visit.

DAVID STOBBE

We’re nothing like you imagine. Yet everything you expect.

We take special pride in our bright, pleasant, homelike atmosphere and a compassionate, professional staff committed to service that excels and work within your budget. Stop in, or call to ask for our free information kit. Here, you can expect only the very best.

Call today: 306-500-1276



Park Funeral Chapel
by Arbor Memorial
311 - 3rd Avenue N., Saskatoon
www.parkfuneral.ca



U of S SUPPLIER

TRADE SHOW

Tuesday, May 31, 2016
9:30 am – 2:00 pm
Main Gymnasium,
College of Kinesiology, PAC

WHY ATTEND?

- New vendors
- Meet with suppliers of scientific lab supplies and equipment, office supplies and furniture, travel agency, hotels and more.
- Preview new products
- Pick up free samples and giveaways
- Major Door Prize

FOR MORE INFORMATION, CONTACT
Purchasing Services at 306-966-6704 OR purchasing.services@usask.ca



Got milk?

Farm-to-fork connection is changing the face of dairy

GLENN CHEATER



Janna Moats is pursuing graduate studies in ruminant nutrition in the College of Agriculture and Bioresources that examines how the nutritional value of milk is affected when dairy cows are fed a supplemented flaxseed diet.

DAVID STOBBE

Growing up on a mixed farm outside of Regina, Sask. inspired a passion for agriculture in Janna Moats at an early age.

The first in her immediate family to obtain an agriculture degree at the University of Saskatchewan, Moats' interest in animal nutrition was sparked by her experience working on a variety of dairy farms. Seeing the direct connection between what animals eat and the human

benefit, she knew she wanted to learn more.

After completing her undergraduate degree (BSA) in animal science in 2012, Moats accepted a research position with the feed manufacturing company O&T Farms in Regina.

In this role, Moats provided technical support to customers and helped co-ordinate research initiatives. Inspired to use her skills to build on her own

passions and interests, she returned to the U of S in 2013 to pursue graduate studies in ruminant nutrition.

Moats' research is a collaboration between the College of Agriculture and Bioresources and O&T Farms, with additional funding from SaskMilk and the National Research Council. Under the supervision of David Christensen and Timothy Mutsvangwa, professor

emeritus and professor, respectively, in the Department of Animal and Poultry Science, Moats examines how the nutritional value of milk is affected when dairy cows are fed a supplemented flaxseed diet.

Canada is the world's largest producer of flaxseed, producing nearly 40 per cent of the global yield. Flaxseed contains high levels of omega-3 fatty acids, which are known to benefit both animal and human health.

Using Holsteins from the U of S herd, Moats compares benefits of feeding cows a control diet and those fed diets supplemented with unprocessed or extruded flaxseed products.

Having seen an increase in omega-3 fatty acid content in milk when cows were fed the extruded diet, Moats is encouraged by the initial results and is hopeful the final outcome will lead to development of value-added dairy products in Saskatchewan.

"I truly believe our province has the potential to become a leader in the omega-3 dairy product production," said Moats. "Implementing extruded flaxseed into the diets of dairy cattle could benefit all levels of the supply chain by creating new markets and increasing the availability of essential nutrients for consumers."

Last July, Moats presented her research at the American Dairy Science Association's joint annual meeting in Orlando,

Florida. Her presentation earned her first place in the three-minute thesis competition and second place in the graduate student research poster competition. The opportunity granted her invaluable exposure and helped showcase Saskatchewan's agricultural presence on an international scale.

"Having our research receive that kind of international recognition was such an exciting and humbling experience," she said.

Moats is the recipient of many awards and scholarships. Notably, she received the Saskatchewan Innovation and Opportunities Scholarship, awarded to graduate students whose research topics are thought to enhance the province's agriculture industry.

Building on the relevance of the farm-to-fork mentality, Moats hopes to apply her knowledge to developing innovative animal feed programs to improve animal performance as well as the nutritional value of food products for consumers.

"The impact animal nutrition can have on the quality of the food we produce has always been an area of interest for me," she said. "Combine this with the importance of consumer nutrition, and it's easy to see that this research opportunity was a natural fit." ■

Glenn Cheater is the owner of High Bluff Media in Winnipeg and Edmonton.

In the hothouse environment of an architecture school, design education, research and creative work intersect with each other to create truly original results. The Saskatchewan School of Architecture Initiative is hosting a presentation and discussion, to explore the diversity of work undertaken at Canadian schools of architecture. Three featured speakers will present highlights from their schools: Rick Haldenby, Waterloo University; Diogo Burnay, Dalhousie University; and Jake Chakasim, Laurentian University. Please join us to learn what a School of Architecture might offer the University of Saskatchewan.

WHAT GOES ON IN AN ARCHITECTURE SCHOOL?

Friday May 27, 2016

3:30 to 5 pm

Room 133, Arts Building

9 Campus Drive

University of Saskatchewan
Saskatoon



Coming events

■ Seminars/Lectures

4th Annual PSFaM Symposium
The PRISM Research Centre is hosting the fourth annual PSFaM (Protein Structure Function and Malfunction) Symposium. June 22-24, 5:30 am-5 pm. 106 Biology Building. Registration is free. Website: <http://cmcf.lightsource.ca/psfam>.

Literature Matters
May 18, 7:30 pm, Social Hall, Grace-Westminster United Church, 505 10th Street East. Join us for Adapting Shakespeare: a discussion with Shakespeare on the Saskatchewan. What happens to Shakespeare's plays when we move them into the 21st century, or the 23rd? Is it still Shakespeare when we translate it? Is it still Shakespeare when we cut whole sections out? What do we do with the clown jokes that no-one gets anymore? In short, what makes Shakespeare Shakespeare? Join the three directors of Shakespeare on the Saskatchewan's 2016 season—Will Brooks, Artistic Director, directing *Midsummer Night's Dream*, Anita Smith, directing *Julius Caesar*, and Joshua Beaudry, directing *The Roving Show*—for an evening's discussion of the upcoming season and the challenge of staging and adapting Shakespeare's plays to the 21st century. Joanne Rochester of the Department of English will moderate the panel discussion. All are welcome. For more information, contact the Dept. of English at 306-966-5486 or english@usask.ca

■ Courses/Workshops

ESL Classes at the Language Centre
April 4-May 30, part-time program, spring term. Classes will cover writing and applied grammar, pronunciation, graduate-level writing, reading or listening skills and spoken English. For more information or to register contact 306-966-4351 or visit ptsl.usask.ca.

Spring Session Multilingual Conversational Language Classes
Classes from April 18 to June 13, 2016:
• French levels 1 to 6: \$215 (GST exempt)
• Spanish levels 1 to 6: \$225.75 (GST included)
• Japanese levels 1 and 2: \$225.75 (GST included)
• Japanese for the Traveller: \$252.00 (manual and GST included)
• German levels 1, 2 and 4: \$225.75 (GST included)
• Italian levels 1, 2 and 4: \$225.75 (GST included)

• Cree level 1 (materials and GST included)
Textbooks and workbooks are extra unless otherwise indicated. For more information, visit learnlanguages.usask.ca or call 306-966-4355 or 5539.

Realist Methods and Realist Synthesis Training Workshop
June 13-17. This immersive five-day workshop will guide participants through advanced skills in realist methodologies led by Gill Westhorp, an internationally recognized specialist and trainer in realist methodologies. Each day of the workshop will have a different focus and will include provision of advanced skills lectures/workshops; time for researchers or research teams to work on or develop their own projects; and sessions in which researchers present their work in progress, receive feedback and discuss issues and strategies in realist design and methodologies. University of Saskatchewan registrants: \$500. Students: \$250. External registrants: \$1,000. Team rates available at the rate of 10 per cent off for teams of three to five, and 25 per cent off for teams of six or more. Email yxe.realistworkshop@usask.ca for registration information.

Community Arts
Explore your creativity and develop skills in drawing, painting, sculpture, photography, glass, jewelry making, fiber art, graphic design, art history and more. These courses help you gain confidence as you develop your portfolio. Classes are taught by professional artists. Take classes for general interest or work toward a certificate. For more information, visit ccde.usask.ca/art. Register online or call 306-966-5539.

■ Conferences

College of Agriculture and Bioresources and National Aboriginal Lands Managers Association National Conference
This national conference takes place May 31, June 1 and 2 in Saskatoon. To register, visit: nalma.ca/events/event/national-conference. Deadline is May 20. Registration fee: \$150. Lunch provided each day of the conference. Registration fee is waived for current NALMA members and PLMCP graduating students. For more information, contact: Melanie Jacobs-Douglas mjacobs@nalma.ca, 705-657-7660 (toll free: 1-877-234-9813).

Sustainable Energy Options for Saskatchewan Conference
May 27, 8 am-5:30 pm. Saskatchewan's electricity sector is currently entering a unique transitional period that presents

opportunities for new innovations and pathways forward. Join decision-makers and experts to discuss the options. Registration includes access to the day's events, including morning and afternoon keynote presentations, the Pathways to Zero workshop, and concurrent breakout sessions. Snacks and lunch are also included. Registration closes on May 19. Questions? Email us at sens_energy-conference@usask.ca. For tickets, visit: picatic.com/sensenergyconference.

Connecting Education and Environment: Mobilizing Sustainability in Education Policy, Practice, and Research Conference
The Sustainability Education Research Institute (SERI), Sustainability and Education Policy Network (SEPN) and partners invite you to take part in a unique opportunity to engage with internationally recognized researchers, educators, and policy makers working in the area of education and environment. Location: College of Education, University of Saskatchewan. June 10-11, 8 am-5 pm. Interactive panels in five strands: K-12 Education, Higher Education, Community Education, Indigenous Education, Education Theory. The event will be a

valuable resource to educators, administrators, policy makers, students, sustainability staff, organizations, communities, and researchers. For more information and to register, please visit the SERI website at seri.usask.ca.

■ Miscellany

Kids Summer Art Camps
Williams Building, 221 Cumberland Ave. N. Monday-Friday, July 4-Aug. 26, 9 am-4 pm. Week-long camps in a fun hands-on learning environment where children experiment with many different art mediums. Structured outdoor activity is part of the daily schedule. Each camp finishes with a group art exhibition for family and friends. Website: <https://ccde.usask.ca/kids-art/aspiring-young-artists-program>.

Register now! Volunteer at Graduation Powwow 2016
A great opportunity to get involved! Volunteer at the Graduation Powwow on Wednesday, May 25 in the U of S bowl. Many volunteers are needed to make this celebration a success. Sign up for a shift, take a few hours away from your regular routine and enjoy the celebrations. Invite your coworkers. Visit: students.usask.ca/events/powwow.php.

Community Eco-Tours
Polar Bear Ecology Tours to Churchill, MB, Nov 7-9 or 10-17, 2016. After much demand we are running a three-day fly-in tour and the eight-day train tour to Churchill to learn about and observe polar bears waiting on the edge of Hudson's Bay for the ice to freeze. It is there where they hunt seals. Public information nights will be held on June 8 and 22, 7-8:30 pm in Room 224/225 Williams Building, 221 Cumberland Ave N. Call 306-966-5484 for more information or 306-966-5539 to register.

➤ SUBMIT
Coming events

Next OCN: **Friday, May 27**
Deadline: **Thursday, May 19**

[Email ocn@usask.ca](mailto:ocn@usask.ca)

Balancing service and study

From Page 4
students face, such as paying higher tuition fees than their Canadian counterparts.

While these are some big goals, Ghaith believes they are sensible and achievable in due time. "I'm not going to achieve this in one year, but I'm going to begin the process, I will plant this for next year's executive, and the year after that, and so on," he said.

Originally from Palestine, Ghaith completed his master's degree in Greece, which is also where he met Richard Gray, a faculty member in the College of Agriculture and Bioresources and came to know about the

U of S.
When it comes to the delicate balancing act of serving the graduate student body and completing his studies, Ghaith remains focused and organized. "I try to work during the day on my academics, and start my

GSA work around 2 pm or 3 pm every day," he said.
This is hard work, but he would not have it any other way. "It's very challenging," admitted Ghaith, "but when you have a passion towards something, everything is doable. ■

GSA executive

Joining GSA president **Ziad Ghaith** on the executive are:

Nafisa Absher	vice-president operations
Kusum Sharma	vice-president finance
Shailza Sapal	vice-president student affairs
Ali Kiani	vice-president academic
Carolyn Gaspar	vice-president external

GETTING SOCIAL WITH MEDIA

Some of the top tweets, posts and pics from the U of S



Knowledge is beautiful.

The University of Saskatchewan deals in knowledge; it's in every lab, classroom, facility and office on campus. This year's back page feature is searching for that specialized knowledge that creates beautiful results and helps make the U of S a wonderful place to work and study.

Share your knowledge at ocn@usask.ca



Idea incubator

Stephanie Yong is all about ideas.

More importantly, the director of the Edwards School of Business' Wilson Centre (formerly the W. Brett Wilson Centre for Entrepreneurial Excellence) loves to take those ideas and build things from scratch.

"A lot of people are great at taking something mid-way through and running with it—not me," said Yong, who has been in the role since 2011. "I love to start at the beginning of something and get to see how it progresses—even when it's not great, it's still fun and exciting to be a part of."

The centre was launched in 2007, when alum (and notable dragon) Brett Wilson expressed an interest in giving back to the university. Initially a business hub that offered coaching and support in financial literacy, its focus has since shifted to ideation—that is, the brainstorming and problem-solving process that sets the foundation for a new business. Yong and her colleagues use a technique called design thinking, which is focused on human beings and how they function. "We observe human behaviour patterns, human functionality, human decision-making and the human psyche to pinpoint problems that already exist, and then come up with a solution for it," she said.

Last summer, the centre moved from its campus location to new digs—a sprawling, 4,200 square-foot space at Innovation Place—where students, local entrepreneurs and members of the business community can test the waters in the Idea Lab, "a space for people to be able to think very creatively and freely," explained Yong. They can even build low-fidelity prototypes (think Popsicle sticks, yarn and sequins) of their idea.

The Wilson Centre boasts some notable alumni, including 3Twenty Modular, a company that converts old shipping containers into modular housing and office structures; Thrive Juice Co., Saskatoon's own cold-pressed juice makers; and Magnoplug, a new take on the three-pronged block heater plug that snaps into place with magnets.

An Edwards MBA graduate and former business owner herself, Yong is passionate about fostering the creative side of people. "I jumped at the opportunity to be able to share some of the knowledge that I had learned from being an entrepreneur myself and applying it to a centre that teaches start-ups."

