



LESLEY PORTER

IN THE GAME

Brittany Melnyk is gearing up for Game Jam, a high-energy weekend where teams work to create a video game in 48 hours. Presented as part of STEMfest, Game Jam kicks off Sept. 25 in the Department of Computer Science. Read the full story on Page 5.

Creating cancer-killing compounds

Dentistry student researches non-invasive oral cancer treatments

✍ KRIS FOSTER

Killing oral cancer cells was the goal.

Figuring out how to do it was Dania Alkhani's problem to solve.

"We're getting there," said Alkhani, a fourth-year student in the College of Dentistry. "We've synthesized a compound that looks promising."

Combining her background in medicinal chemistry with her ongoing education in dentistry, Alkhani set out to find a less invasive, more effective treatment for oral cancer for her table clinic project, a two-year research experience that is mandatory for all dentistry students at the U of S.

"Invasive surgery is the main method of treating oral cancer, or radiation therapy," Alkhani explained. "There really isn't a non-invasive and effective treatment. Our job was to find one."

With the help of her super-



Alkhani

visor Jonathan Dimmock, professor emeritus in the College of Pharmacy and Nutrition, Alkhani began formulating the project based on existing compounds and research.

"One compound we synthesized was very potent," she explained, adding that due to patent proceedings they simply

“ One compound we synthesized was very potent. It is 10 times more effective at killing some cancer cells than an anticancer drug currently used.

Dania Alkhani

call it Compound Four. "It is 10 times more effective at killing some cancer cells than an anticancer drug currently used."

With such promising results, Alkhani began presenting her research at competitions. As one of the top research groups selected by the College of Dentistry at its annual competition, Alkhani then presented in front of the Saskatchewan Dental Society where she placed first. Then, beating out the top student research projects from the nine other dental schools in Canada, she won the national competition held by the Canadian

Dental Association at the end of August—the second year in a row the U of S grabbed top spot. With a first-place finish, Alkhani won a trip to Washington, D.C., to attend the American Dental Association's 2015 conference where she will present her research.

As for Compound Four, Alkhani said in order for it to become a candidate anticancer agent, as determined by Dimmock, it should be able to kill cancer cells at low concentrations and have a good selectivity index (at least 10), meaning the concentration of compound required to kill

cancer cells needs to be much lower than the amount required to kill non-malignant cells.

"Compound Four has already met the first criteria, but its selectivity index is 6.4, so we are working to raise that," she said, adding that professors in the Colleges of Dentistry and Pharmacy and Nutrition have supported and guided this work every step of the way.

If the selectivity index is increased, she continued, then the efficacy of one or more compounds in treating tumors passaged in laboratory animals will be investigated. If this investigation is successful there are still many steps to be undertaken before a new drug is marketed.

With less than a year left until graduation, Alkhani has to start thinking about her own plans too.

See *Next*, Page 4

U of S and Harvard team up on cutting-edge stem cell research

Scientists from the University of Saskatchewan and Harvard are teaming up on promising stem cell research designed to treat brain diseases like Parkinson's.

Researchers from the Saskatchewan Brain Repair Program at the U of S and the Center for Neuroregeneration Research at McLean Hospital in Boston, an affiliate of Harvard Medical School, signed an agreement on Sept. 14 to collaborate on world-class stem cell brain research to set the stage for clinical trials.

"This provides the platform for the development of novel therapies for incurable neurological diseases that have the potential to benefit millions of patients around the world," said Dr. Ivar Mendez, who heads the Saskatchewan Brain Repair Program at the U of S and is collaborating with Dr. Ole



A demonstration model displaying a process of inserting stem cells into the brain.

JOSH SCHAEFER

Isacson, a Harvard neurology professor and director of the Center for Neuroregeneration Research at McLean Hospital.

The two leading researchers have already been working for

a decade together on a cell-based therapy for Parkinson's that is designed to restore cells lost in the disease process. This research will involve using stem cells from the patient as raw

material to provide dopamine neurons that can be used to repair the brain circuitry damaged by Parkinson's.

"We have the experience and expertise in the surgical

technique of safely being able to implant these cells into the human brain," said Mendez, who began transplanting cells that produce dopamine into patients in the 1990s while he was at Dalhousie University. All 10 patients implanted with these cells in the study improved significantly.

Harvard scientists are also excited about expanding their research alliance with the U of S.

"I am thrilled to continue this work with Dr. Mendez and his talented colleagues at University of Saskatchewan," said Isacson. "This alliance will provide knowledge in stem cell biology and transplantation, and will contribute to development and application of advanced clinical programs and technologies that will advance cell therapy as a promising treatment for Parkinson's disease." ■

Draft sexual assault policy released

The University of Saskatchewan's commitment to develop a campus-wide sexual assault policy took another step forward on Sept. 22 when a draft policy was announced.

The announcement, coinciding with Sexual Assault Awareness Week, launched the

feedback-gathering stage of the university's new draft sexual assault prevention policy.

"This policy is critical to the entire campus," said Patti McDougall, vice-provost of teaching and learning. "That is why we are encouraging every member of the campus

community to contribute to the development of this policy by letting us know their thoughts and suggestions."

The feedback phase will be open until October 5, explained McDougall, adding that the development stage has been very consultative thus far, with the

policy being shaped by conversations with those most closely involved, including Protective Services, Human Resources, student affairs and supports, and students and faculty.

"We held workshops and brainstorming sessions over the last number of months with a wide range of groups representing students, faculty and staff," explained McDougall.

The policy was an important part of University of Saskatchewan Students' Union President Jack Saddleback's campaign platform last spring and he is pleased with the progress the university has made.

"When I ran for president, I made it clear that I would do all I could to ensure that the voices of students would be heard," said Saddleback. "Today I am pleased that the university administration has listened and I look forward to working with our campus community for the safety of all."

Cheryl Carver, associate vice-president of human

resources said it was clear that the policy needed to include all members of the campus community and supports the draft extending to faculty and staff in addition to students.

"It is one of our top priorities to ensure the entire university community is safe on our campus," said Carver. "This is something, of course, we will need to continue addressing and working towards, but having this policy is such a critical step."

Once all feedback is gathered and integrated into the new draft sexual assault prevention policy, the document will be submitted to the Board of Governors for approval in December.

"Having a policy is one thing, enforcing it is another, and that will be everyone's responsibility on campus. The goal of all of this is to ensure someone who has been affected by sexual assault or sexual misconduct feels supported and those who commit incidents of sexual assault are held accountable," said McDougall. ■



Patti McDougall addresses media at Sept. 22 announcement.

The draft policy can be found online at news.usask.ca.



Lecture Series
at the College of Law

ARIEL SALLOWS LECTURE

SHAMEFUL LEGACIES OF INJUSTICE:
WRONGFUL CONVICTIONS IN CANADA



DAVID MILGAARD
Motivational Speaker
Author of Rabbit's Paw



TAMMY MARQUARDT
Wrongfully Convicted of Murder because
of disgraced pathologist Charles Smith



KIM PATE
Ariel F. Sallows Chair
in Human Rights

PANEL DISCUSSION

THIS LECTURE IS FREE AND
OPEN TO THE PUBLIC.



UNIVERSITY OF SASKATCHEWAN
College of Law
LAW.USASK.CA

1:00 - 2:30pm

WEDNESDAY, OCT. 7, 2015

College of Law, 15 Campus Drive
Room 150, MLT Lecture Theatre
University of Saskatchewan

Raccoon rehab

Love of animals drives interest in raccoon rescue

✍ KRIS FOSTER



More than 30 raccoons spent time at Bandit Ranch Rehab during this past spring and summer.

📷 SUBMITTED

There was a pelican in the garage and a duck in the basement, but mostly the house and backyard are home to raccoons.

“I’m the raccoon lady, which might be one step below being a crazy cat lady,” said Hayley Hessel, associate professor in the U of S College of Agriculture and Bioresources. “They are so smart, I just really love those little guys.”

Hessel has been helping rehab animals for more than a decade, but it was only this past year that she began operating Bandit Ranch Rehab in the north end of Saskatoon, turning her house into a rescue facility for orphaned raccoons.

“I have a permit and keep everything up to code,” said Hessel, who recently applied for charitable status. “My neighbours are cool with it; there is no smell and not a lot of noise.”

Which is surprising considering that 33 raccoons spent time

at Bandit Ranch Rehab during this past spring and summer.

“Their population is really growing in the city and they are becoming more common. They are coming up along the river, and can adapt to any niche if they have water,” she said.

“I’m the raccoon lady, which might be one step below being a crazy cat lady.”

Hayley Hessel

As a result of the growing population, there are more orphaned babies who lost their moms through human-wildlife interactions, like being shot or hit by a vehicle,

Hessel explained.

“It’s so sad to see little orphans. We aren’t changing the natural order, just trying to mitigate human expansion of paving, drilling and building.”

But no matter the reason that a raccoon arrives at Hessel’s house, the goal is to get them back into the wild. She starts by rehydrating the babies and bottle-feeding them a special formula for raccoons. She weans them off of the bottle and introduces fruit, dog food, chicken and fish. The next step is into the backyard pen and eventually to another rehab facility outside the city limits where raccoons will spend winter before being released back into the wild.

“Raccoons wild-up really well,” said Hessel, pointing to a few bruises on her arm to highlight that no matter how

cute, raccoons are not pets. “Even bottle-fed raccoons will go wild quickly. They develop a natural fear of humans. From October to April they are nocturnal so they don’t see humans often even when in rehab, so that helps when they get back into the wild.”

Hessel said she sometimes gets criticized for helping what others see as pests or vermin, but that hasn’t stopped her from

spending \$3,500 of her own money on food, vaccinations and other raccoon necessities over the past year.

“What makes me like them is what makes others hate them,” she said with a laugh. “They are curious and smart. They have thumbs and can open locks and go through pockets. They play and fool around and you can tell when they’re having a good time.”

With most of her summer guests already moved into the larger, more wild-like winter rehab facility, Hessel is planning for next year.

“I started a campaign to raise \$6,000 for a new pen. We’ve already raised \$4,000. Still looking for food donations and extra help. Raccoons are a lot of work. What would really help is for people to stop shooting the mothers.” ■

ANNUAL CAMPAIGN FOR STUDENTS 2015-16

Expanding our horizons

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– Kari Duerksen, fourth-year College of Arts and Science student

Every cent raised from the Annual Campaign for Students is directed towards student awards and initiatives, enabling students like Kari to focus on their studies and pursue opportunities that will enrich their university experience and impact their future.

Make your gift today and help U of S students expand their horizons.

UNIVERSITY OF SASKATCHEWAN

give.usask.ca/students



Hessel

PUMP UP THE [GAME] JAM

LESLEY PORTER

Brittany Melnyk is doing her part to change how people think about working in the field of computer science and programming.

“It can seem very intimidating,” said Melnyk, the academic programs and internship co-ordinator in the Department of Computer Science. “There are a lot of misconceptions about it. Everyone thinks about the guy alone in the basement with the lights off, just coding away.”

The reality, she said, is that it is extremely social and collaborative.

“You’re always working with people and solving problems as a group for this greater thing that you’re making.”

Brittany Melnyk, the academic programs and internship co-ordinator in the Department of Computer Science at the U of S.

LESLEY PORTER

That social spirit will be explored at Game Jam starting Sept. 25, as part of STEMfest—the conference celebrating science, technology, engineering and mathematics (STEM).

Game jams are high-energy gatherings of game developers and designers to create a video game based on a secret theme, typically in a set amount of time—in this case, over the course of a weekend. “Essentially, you make a video game in 48 hours,” said Melnyk, who is also serving as the event co-ordinator. “It’s a fun twist on promoting programming and computer science.”

Computer science students have organized two successful

game jams in recent years, letting their creativity run wild. Last year’s event resulted in many notable gems, including *Get Down Mr. President* (where you must protect the president from assassins); *Killer Bunny* (featuring a side-scrolling rabbit facing various obstacles); and *The Good the Bad and the Burritos* (a modern take on a wild west-style shoot-em-up).

Thanks to extra financial resources from STEMfest, Melnyk has been able to put together workshops throughout the month of September to familiarize participants with Unity (the software used to create games) and Processing (a programming language used in game devel-

opment). She has also lined up industry speakers and mentors to attend and provide guidance throughout the jam.

“The developer community here is very close and supportive,” she said, adding that a lot of computer science alumni (herself included) stayed in Saskatoon and remain connected to students in mentorship roles. “Everybody in Saskatoon kind of goes above and beyond to share knowledge and to support people.”

Aside from her work in the college, Melnyk is also an advocate for getting women more involved in the computing, which has a sizeable gender gap. She and

her friend (and fellow computer science alumna) Marli Bells are the Saskatoon chapter leaders of Ladies Learning Code, a national non-profit that provides digital literacy workshops for women and children who want to learn coding.

Melnyk acknowledges that it’s a relatively new field

compared to, for example, biology and chemistry, but a background in computer science can open a lot of doors.

“It’s like learning core French—you’re just learning the language! If you like Sudoku, you can probably learn to program.” ■

Next steps

From Page 1

“Being able to do this interdisciplinary research and collaborate with people in pharmacy was a great experience,” said the Ottawa native. “Combining

knowledge from drug synthesis and dentistry, my two passions, made me realize I want to continue to do both once I graduate. Having a practice and pursuing academia will allow me to do that.” ■

ON CAMPUS NEWS

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*.

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Designers: Brian Kachur, Pierre Wilkinson

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



ISSN: 1195-7654 PUBLICATIONS MAIL AGREEMENT NO. 40065156

Return undeliverable Canadian addresses to:

UNIVERSITY OF SASKATCHEWAN
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About the Presenter

Yvonne Van Ruskenveld, an experienced writer and editor who enjoys transforming jumbled manuscripts into readable publications, has worked as a freelancer and as managing editor for an educational publisher. She has edited manuals, reports, brochures, websites, trade books, and textbooks for publishers, academics, businesses, governments, and non-governmental organizations. Yvonne is a member of West Coast Editorial Associates.

Structural + Stylistic = Substantive Editing

November 2, 2015, 9:00 am – 4:00 pm
Western Development Museum, Saskatoon

About the Workshop

Substantive editing brings order to chaos and breathes life into moribund manuscripts. By reorganizing and revising, you can help authors reach their readers effectively. This workshop will include strategies and techniques for:

- assessing material
- identifying problem areas
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EDITORS
SASKATCHEWAN

Class and creativity

An interview with artist in residence David Braid

DEE HOBSBAWN-SMITH

Canadian composer and Juno-winning pianist David Braid has been named an artist in residence at the U of S College of Arts and Science. He will be on campus Sept. 30 through Oct. 14 to teach a one-credit course about creativity, deliver a public lecture and perform several shows. We spoke with him by phone in early September.

■ How do you teach creativity?

My goal is to get students to understand there are two different intelligences—the theoretician, who is left-brain, analyzing, breaking things apart, and the artist child, who is spontaneous, who gets excited to play music, who chose to go to music school. These intelligences have different roles in the learning and performing processes. Great musicians seem to be strong in both. Stravinsky is the perfect example. His structure and craft as an orchestral composer is unparalleled. He could talk about every detail and why it was there: craft and analysis, plus an intuitive process. His “Rite of Spring” seems to have come out of nowhere, this incredible new type of creativity, the feeling that music feels entirely spontaneous.

■ What draws you to jazz?

At 17, I heard a symphony by Mozart and became interested in the architecture of music:

how does one build that? I listened and imitated at the piano. I bought some big score paper, trying to write a symphony. It’s ridiculous to think about—I had no theoretical education, was trying based solely on intuition. My high school music teacher was a jazz guitarist; he said, “Check out jazz. You improvise—that’s like composing spontaneously.”

■ What advice can you offer emerging musicians about mastering their craft?

Do not feel that only special people become really great musicians. Doing something great is available to everyone, as long as you become an excellent problem solver and know what to work towards.

Time and dedication is required, and the tools and



Braid

understanding of what to work towards, but all that knowledge won’t produce results except over time. A long time.

The reality is what an irra-

tional amount of time it takes to develop as an artist. The amount of energy in kilojoules and the probability and competitiveness and financial return for the time put in seem irrational on a practical scale. We still do it.

■ What musicians would you like to collaborate with?

I wouldn’t say I want to collaborate with a group by the merits of their name, but with musicians by merit of their creative spirit, who are absolutely dedicated to creating uncompromising music. However, they all recognize that the audience is a fundamental part of the musical experience and should not be ignored. Music can be highly interesting on a theoretical level but the audience can be totally disengaged from what’s going on. I

want to collaborate and make music so the audience is touched and engaged in the performance. I choose musicians who don’t compromise their art form and don’t ignore the audience.

■ What attracts you to Saskatoon?

I’ve come to Saskatoon about once a year for the past eleven years for the Jazz Festival and Jazz Society. I come in as an artist to a small community, small enough that it feels like the interpersonal relationships between people are important and connected, but large enough to have a vibrant arts scene. The audience listens, is attentive, intelligent. That is highly rewarding. ■

dee Hobsbawn-Smith is a poet, essayist and fiction writer.

The Fine Arts Research Lecture Series is on Oct. 2 at 12:30 pm in the Quance Theatre.

For a complete listing of David Braid’s projects and recordings, visit davidbraid.com.

Welcome to the society

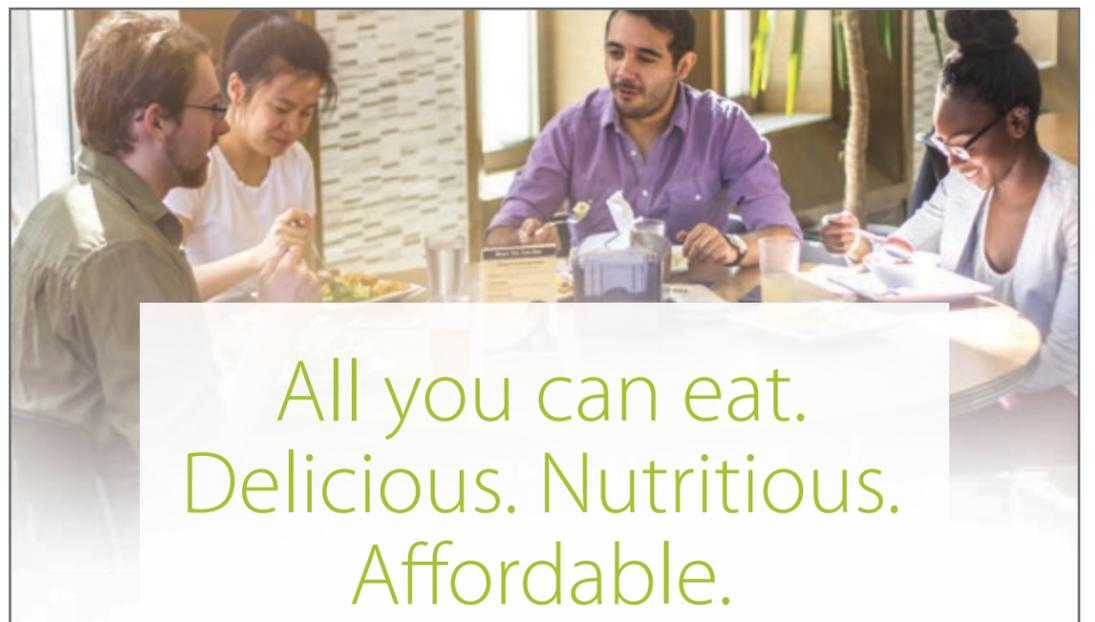


Jeffrey McDonnell, left, and Ken Coates, right, U of S researchers.

U of S researchers Ken Coates and Jeffrey McDonnell have been elected fellows of the Royal Society of Canada—one of this country’s highest honours.

Coates, professor and Canada Research Chair in Regional Innovation, Johnson-Shoyama Graduate School of Public Policy, and director, International Centre for Northern Governance and Development, is one of Canada’s leading researchers on Indigenous affairs and a leading expert on northern innovation. Coates has authored and co-authored numerous books, including *Arctic Front: Defending Canada in the Far North*, which won the Donner Prize for the best book on public policy in Canada.

McDonnell, professor in the School of Environment and Sustainability and associate director of the Global Institute for Water Security, is internationally recognized in the field of watershed science, making contributions to the measurement, modelling and understanding of streamflow generation. His research has contributed to understanding the role of plants in the hydrological cycle and the application of stable isotopes to water tracing in the hydrosphere. ■



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GETTING SOCIAL WITH MEDIA



Sargent

Social media sites are growing faster than ever, and the U of S is leading the way for Canadian universities. This past July the U of S won best Facebook page at the Canadian University and College Social Media Awards, chosen from more than 150 other university pages.

“Social networking tools and media sites are great channels for two-way communications, to share information, express creativity and connect with others,” said Andy Sargent, social media specialist in Marketing and Communications. “Through these tools we have the opportunity to create awareness of our programs and services, engage with our audience, actively listen and build communities.”

The U of S, explained Sargent, uses social media to connect with current students, prospective students, faculty, staff, alumni and the broader community.

“If used correctly, social media can provide a rich experience for collaboration and sharing of knowledge, ideas and experiences,” Sargent said.

SOME SOCIAL TIPS

Whether just getting started or a seasoned veteran, Sargent said it is important to always have the university’s social media principles in mind when tweeting, posting or responding: Let the conversation happen, be open,

correct inaccuracies and protect our reputation.

U OF S SOCIAL MEDIA PRINCIPLES

- 1 LET THE CONVERSATION HAPPEN
- 2 BE OPEN
- 3 CORRECT INACCURACIES
- 4 PROTECT OUR REPUTATION

Sargent also suggested asking yourself three simple questions that will help guide your social media strategy:

1. WHAT DO I WANT TO ACCOMPLISH?

“Outline your goals in order to properly track the return of your investment,” Sargent explained. “Ensure you are properly seizing the available opportunity to elevate the perception of our programs, and success of the university as a whole.”

2. WHO AM I TRYING TO REACH AND WHAT SOCIAL MEDIA DO THEY USE?

“Concentrate your efforts on one platform before expanding your presence,” she said. “Take the time to engage, educate and inform. Social media is about

transparency and customer service.”

3. CAN I KEEP THE CONTENT FRESH?

“Content drives social media and it is instant,” explained Sargent. “The main usask accounts, for example, update Facebook a couple times a day and Twitter five to 10 times a day. Programs that are unable to meet content requirements always have access to central accounts for leverage. We’re here to help!”

SOCIAL SITES ON CAMPUS

There are more than 100 social media accounts—including Twitter, Facebook, Instagram and YouTube—being managed by faculty, staff and students in every college, school, centre, unit and student group at the U of S.

If you are looking for a bit of help or information on social media at the U of S, contact Andy Sargent at andy.sargent@usask.ca. The university’s social media guidelines are online at: communications.usask.ca/documents/usask_social_media_guide.pdf

THE MAIN U OF S ACCOUNTS INCLUDE:

- facebook.com/usask (20,403 followers)
- [@usask](https://twitter.com/usask) (15,000 followers)
- [@usask](https://www.instagram.com/usask) (3,268 followers)
- youtube.com/usask

WHEN USING TWITTER, THE U OF S HAS THREE MAIN HASHTAGS:
#usask, #huskiepride and #usaskgive

Here are some social media highlights from the past couple weeks:



UNIVERSITY OF SASKATCHEWAN

YOU ARE INVITED
*to a reception celebrating
Interim President Gordon Barnhart.*

The Board of Governors of the University of Saskatchewan invite you to join them for a reception celebrating the work of Gordon Barnhart during his tenure as interim president and vice-chancellor of the U of S.

WEDNESDAY, OCTOBER 7
4:30 – 6 PM
MARQUIS HALL

PROGRAM BEGINS AT 5PM
REFRESHMENTS AND HORS D'OEUVRES WILL BE SERVED
RSVP TO ALUMNI.USASK.CA/EVENTS/REGISTER

Coming Events

■ Seminars/Lectures

Archaeological anniversary lecture

The Saskatoon Archaeological Society is celebrating its 80th anniversary with a special guest lecture by Lee Bement on Friday, Sept. 25 at 7:30 pm in the St. Thomas More auditorium, with a reception to follow. Bement, senior archaeologist with the Oklahoma Archaeological Survey and adjunct associate professor at Oklahoma University, is a noted expert on early bison hunting and hunter-gatherer adaptations in the Southern Plains. The title of his talk is "Large-Scale Bison Hunting at the Beaver River Complex, Southern Plains of North America." Everyone welcome to attend.

Public lecture

by David Robinson

Sept. 30, 3:30 – 5 pm, 159 Thorvaldson, David Robinson, executive director of the Canadian Association of University Teachers, will present "Vandals at the Gates: Reshaping the University in an Age of Austerity." How transparent and plausible are appeals to austerity? What dangers are posed to universities by their principal funders? Join our speaker to explore these questions. Everyone is welcome to this free lecture.

Know GMO

Oct. 11, 7 – 9 pm, Neatby Timlin Theatre. Do you know GMO? Where obesity collides with world hunger and credible information seems to be drowned out in the noise, the debate around what we eat and how it's grown continues to escalate. This presentation by Robert Saik, professional agronomist and CEO of the Agri-Trend Group of Companies, goes around the world for a firsthand look at the people, the ethics and the science behind the myths and the mystery of our food. This is a free National Biotech Week event.

■ Courses/Workshops

Edwards School of Business Executive Education

- For information call 306-966-8686, email execed@edwards.usask.ca or visit edwards.usask.ca/execed
- Sept. 29 – Oct. 1, The Business Analyst's Course - Saskatoon
- Oct. 1 – 2, 2015, Operational Excellence Certificate: Analyzing and Improving Office and Service Operations (Lean Office) - Regina
- Oct. 5 – 6, Operational Excellence Certificate: Master Clinic on Solving Tough Problems - Saskatoon

- Oct. 5 – 7, Digital and Social Media Program: Strategy and Tactics - Saskatoon
- Oct. 7 – 8, Operational Excellence Certificate: Process Metrics, Management, and Controls - Saskatoon
- Oct. 8, Introduction to Digital and Social Media for Senior Managers - Saskatoon
- Oct. 14 – Feb 27, The Masters Certificate in Project Management - Regina
- Oct. 15 – Apr. 9, The Masters Certificate in Project Management - Saskatoon
- Dec. 7 – 11, Certified Coaching Training - Saskatoon

Library Researcher Series

The Library Researcher Series provides workshops on interdisciplinary topics of relevance to the research of graduate students and faculty. All sessions are free and registration is not necessary. For more information visit libguides.usask.ca/LibraryResearcherSeries

- Sept. 29, noon – 1 pm, Murray Library, room 161, Comprehensive Lit Review – Part A
- Sept. 30, 3:30 – 4:30 pm, Health Sciences Library, EndNote Desktop
- Oct. 6, noon – 1 pm, Murray Library, room 145, Comprehensive Lit Review – Part B
- Oct. 7, 3:30 – 4:30 pm, Murray Library, room 161, Citation Manager Overview: Which One is Right for You?
- Oct. 14, 3:30 – 4:30 pm, Murray Library, room 145, Zotero
- Oct. 20, noon – 1 pm, Murray Library, room 145, WestLaw... More than Just for Lawyers
- Oct. 21, 12:30 – 1:30 pm, Murray Library, room 145, Indigenous Studies Research Tools: Academic Hunting and Gathering in the Digital Age, and Oct. 27, noon – 1 pm, Murray Library, room 161
- Oct. 28, 3:30 – 4:30 pm, Murray Library, room 102 Comprehensive Lit Review – Part A
- Nov. 3, noon – 1 pm, Murray Library, room 145, Zotero
- Nov. 4, 3:30 – 4:30 pm, Murray Library, room 161, Comprehensive Lit Review – Part B
- Nov. 17, noon – 1 pm, Murray Library, Rm. 145, Mendeley
- Nov. 18, 11:30 am – 12:30 pm, Murray Library, room 145, Finding and Using Data
- Nov. 24, noon – 1 pm, Murray Library, room 145, EndNote Desktop
- Nov. 25, 11:30 am – 12:30 pm, Murray Library, room 145, RefWorks

Languages

For more information, visit learnlanguages.usask.ca or call 306-966-4355 or 5539 Multilingual Conversational Language Classes from Sept. 21 – Dec. 2:

- French levels 1 to 7: \$215 (GST exempt)
- Spanish levels 1 to 7: \$225.75 (GST included)
- Japanese levels 1 to 4: \$225.75 (GST included)
- Japanese for the Traveller \$252 (manual and GST included)
- German levels 1 to 3: \$225.75 (GST included)
- Italian levels 1 & 2 \$225.75 (GST included)
- Portuguese level 1 \$225.75 (GST included)
- Cree level 1: \$236.25 (materials and GST included)
- Textbooks and workbooks are extra unless otherwise indicated.
- Spanish Weekender Oct. 9 - 11; ideal for the traveller who has little or no Spanish-speaking skills, 20 hours over 2.5 days, cost: \$315.00 (manual, Saturday and Sunday lunch, and GST included).

ESL

Classes begin Oct. 5 in the Language Centre. Call 306-966-4351 or visit ptes.usask.ca.

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

■ Miscellany

Smart Start

Join us for a week-long series (Sept. 28 to Oct. 2) of academic workshops in the following categories: study skills, writing help, technology help, graduate student help, undergraduate research and library skills. Student Learning Services is also partnering with the USSU, Peer Health Mentors and the International Students and Study Abroad Centre on sessions. Visit usask.ca/smartstart for a complete listing. Students can enter their name for a daily draw and a grand prize draw at the end of the week.

Vetavision 2015

The Western College of Veterinary Medicine's public open house takes place from 8 am to 8 pm, October 2 – 3. Entirely organized by our veterinary students, Vetavision offers all kinds of display, talks, tours and demonstrations along with some furry, hairy and slippery creatures to visit. Bring your friends and family and spend the day at our great veterinary variety show! For more information about Vetavision admission, parking and the

show's schedule, visit vetavision.ca or contact wcvmvetavision@gmail.com.

Open House 2015

Prospective students, parents and high school counsellors are invited to the U of S on Oct. 2, 9 am – 3:30 pm to experience what it is like to be a part of the Huskie family. Visitors can attend college sessions, go on campus tours, meet faculty, students and staff at the university, discover all the available supports and services, and learn about admissions and program offerings. Current students, faculty and staff can get involved by volunteering or signing up your group to be a part of our Info Fair. For more information visit explore.usask.ca/openhouse.

School of Public Health Poster Fair

Oct. 23, noon to 3:30 pm, Health Sciences D-wing Atrium, the School of Public Health will host its annual poster fair showcasing its thesis students' research and the MPH student practicum projects. Visitors are welcome.

University Club

For more information about upcoming events, visit usask.ca/uclub. To make a reservation call 306-966-7775

Italian Wine Makers Evening

Oct. 2, 7 pm, Meet Angelo Dabello from Rocca Di Castagnoli-Alimenta, Siena, Italy. Sample his spectacular wines and enjoy beautifully paired foods.

Thanksgiving Family Dinner

Oct. 11, 5 pm, bring the whole family for all of your Thanksgiving favorites.

Dinner Theatre with Greystone Theatre

Oct. 15, cocktails 5:30 pm dinner at the University Club and, then Picasso at the Lapin Agile at Emrys Jones Theatre at 7:45 pm.

Pre-Game Tailgate Parties

Join us for Huskie game nights Oct. 16 and 23 from 4:30 – 7:30 pm for fun tailgate food and drinks before the game.

Annual General Meeting

Oct. 28, noon, Window Room, University Club Annual General Meeting

■ Conferences

Assistive Technology and Disability 2015 Conference

Disability Services for Students is presenting the 2nd annual Assistive Technology and Disability conference at the U of S from Oct. 22-23 at the Graduate Students Common. Assistive technology specialists, service providers and service users will come together to learn about advances in assistive technologies from low to high tech solutions and their applications for education, work life and personal use. Sessions on the new provincial disability strategy and post secondary practices will also be presented. This conference is free to attend and open to everyone, but registration is required. For session information and registration, visit <http://students.usask.ca/events/atc.php>

■ The Arts

A Call for Justice - Fighting for Japanese Canadian Redress (1977-1988)

A Call for Justice tells a story of human rights and the enduring perseverance of the Japanese Canadian community who suffered so much from 1942-1949. In honour of the 25th anniversary of the signing of the Redress Agreement with the Government of Canada in 1988, the Nikkei National Museum is presenting the first traveling exhibit celebrating the emotional struggle to achieve an apology and acknowledgement for these unjust treatments. This exhibit, on display at Diefenbaker Canada Centre until Oct. 12, will examine the 10-year fight using historic photographs, artifacts, poetry, personal statements, art and video.

➤ SUBMIT
Coming Events
 Next OCN: **Friday, October 9**
 Deadline: **Thursday, October 1**
[Email ocn@usask.ca](mailto:ocn@usask.ca)

Seeing STARS

When the new Children's Hospital of Saskatchewan is complete in 2017/18, the Shock Trauma Air Rescue Society (STARS) helipad will find a permanent home on the roof.

Until then, the STARS helicopter must land on an off-site helipad, where it is met by a ground ambulance that transports patients to Royal University Hospital (RUH).

"STARS has been operating a temporary helipad near College Drive and McOrmond Drive since 2012, but the area is now being developed for residential use, which means STARS needed to find a new temporary landing area," explained Colin Tennent, associate vice-president, facilities management and

university architect.

After considerable review and analysis, said Tennent, STARS has received approval from the University of Saskatchewan to create a temporary air ambulance helipad directly southwest of 407 Downey Road.

"To minimize disruption in the surrounding area, the helicopter flight path will run along the river adjacent to Innovation Place," Tennent said. "From the helipad, ground ambulances will take the most direct route to Preston Avenue and travel south, around the campus, to RUH." (see map).

Cleanup and construction of the area began in July, and STARS is expected to start using the new campus location in October. ■





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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



Reimer's coffee-developed photographs.



Picture perfect coffee

For many people, coffee is a necessary part of the morning routine. For photographer Barbara Reimer, however, it has become part of her art.

Inspired by the leave-no-trace ethos of Burning Man, a yearly festival celebrating art and community in the Nevada desert, Reimer began developing film in coffee eight years ago. "I was thinking how I could bring photography to this festival," said Reimer, photo technician in the Department of Art and Art History. "How do you leave no trace with photography?"

She further researched the chemicals used in developing, knowing from her years as a commercial photographer that alterations in chemicals can bring out certain colours, tones or highlights.

"I like seeing the images and working with the chemistry," she said. "Any organic substance with a certain molecular structure that reacts to an alkali will develop the film."

In this case, the coffee is mixed with vitamin C and the resulting solution (called caffanol) works as a staining developer, leaving a brown hue on the photo. She uses both instant coffee (which can be made at any temperature) as well as brewed coffee.

With extensive experience in both film and digital photography, Reimer assists students and faculty with projects and keeps lab equipment in order. She spent much of the summer in an artist residency in Iceland, where she furthered her work with on-site coffee developing and sustainable methods of developing.

"My whole idea is to have an available practice so I can pick up and go somewhere and buy it all there, so I'm not lugging things with me," she said. "I'm trying to make it more portable."

