



Gordon Oakes-Red Bear centre to proceed

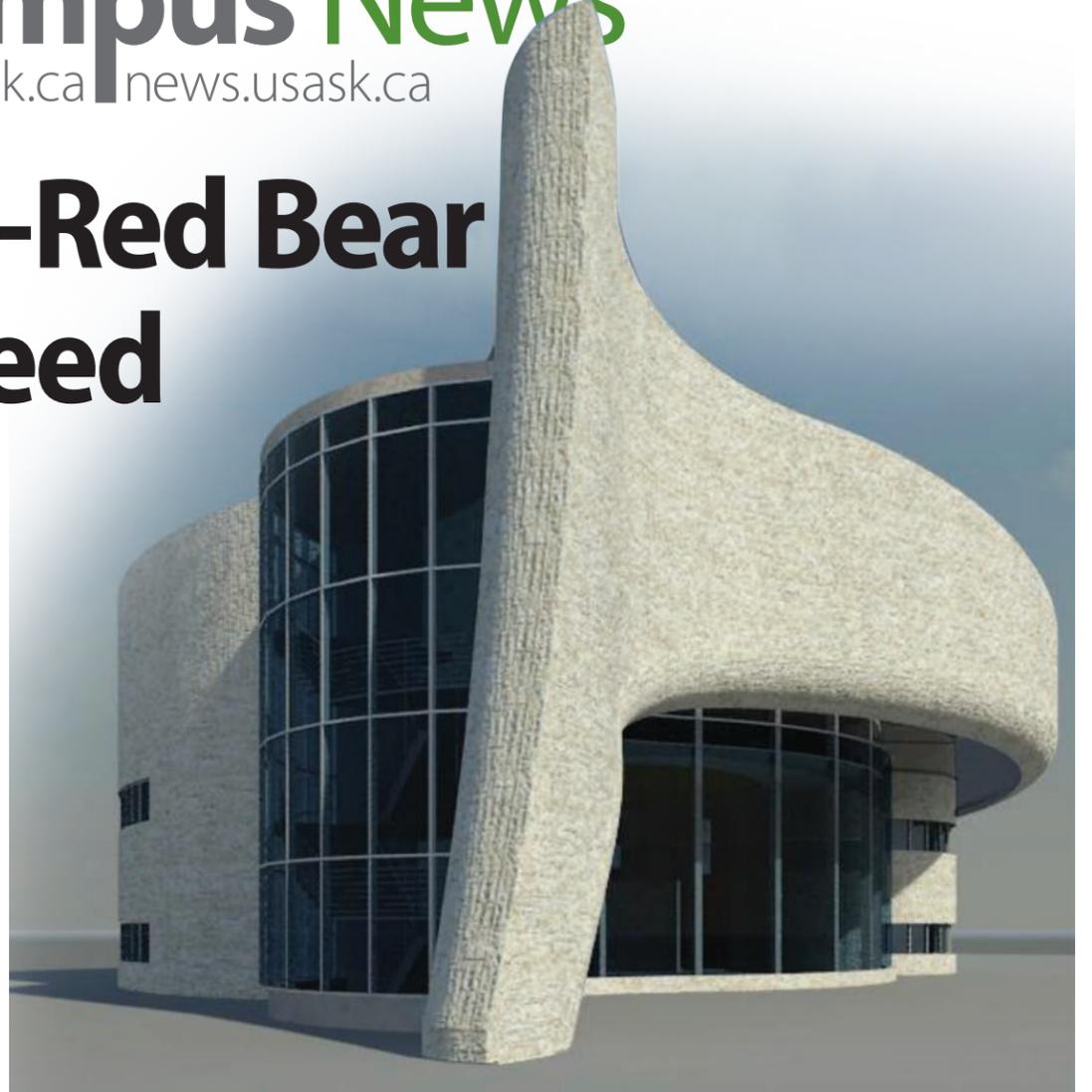
by COLLEEN MACPHERSON

At a special event held Oct. 4, it was announced the University of Saskatchewan will proceed with construction of the Gordon Oakes-Red Bear Student Centre, a project President Peter MacKinnon described as “a long journey for all of us.”

More than a dozen years in the planning, the centre will create a hub for Aboriginal student services on campus as well as space for teaching, learning and ceremony. The announcement and unveiling of renderings of the centre was attended by members of the Gordon Oakes family, including his daughter Irene who told the crowd gathered in Place Riel that the centre speaks to her father’s vision of two horses—one representing Aboriginal people, the other non-Aboriginal—working together as a team. Balance is important

in teamwork, she said, and the centre represents balance between learning and “keeping your language, culture and traditions ... (so) you know what you’re all about.”

The Gordon Oakes-Red Bear centre will be built in Wiggins Court between the Arts Tower and the Murray Library and its 1,884 square metres will house both the Indigenous Students’ Council and the Aboriginal Students’ Centre with additional space for learning and ceremonies. When completed, the centre will be “a vibrant inclusive gathering



A rendering of the new Gordon Oakes-Red Bear Student Centre

DOUGLAS CARDINAL ARCHITECT INC. / RBM ARCHITECTURE

place for all,” said MacKinnon. The centre will be connected to both the Arts Tunnel and a new link to the Health Sciences building.

The initiative was first considered in 1998 when NOVA Chemicals made a \$1-million donation to the university specifically for

Aboriginal student space. In 2006, the board approved hiring consultants to proceed with the design of the centre, and Douglas Cardinal Architect Inc. was chosen. Cardinal, who is of Métis and Blackfoot heritage, has designed a number of notable buildings including the Canadian Museum of Civilization in Gatineau, the First Nations University of Canada in Regina and the Smithsonian’s National Museum of the American Indian in Washington. The design Cardinal produced for the U of S was described by the president as “a stunning piece of Aboriginal architecture.”

In an interview prior to the public announcement, MacKinnon said the building is proceeding “later than we would have liked” but he fully expects construction to begin before he leaves office next June. While it will be a celebration of Aboriginal culture and history, the president said the centre “will also be a place that encourages Aboriginal students

“For me, the Gordon Oakes-Red Bear centre is about Aboriginal students feeling at home and knowing the University of Saskatchewan is committed to their success.”

Peter MacKinnon

to think of the University of Saskatchewan as their university too,” a sentiment echoed by Irene Oakes, who works in the College of Education, in her remarks Oct. 4.

The late Gordon Oakes (Red Bear) was born in 1932 in the Cypress Hills on what is now called the Nekaneet First Nation. Throughout his life, he was a spiritual and political leader within his community and across the province.

MacKinnon noted in an OCN interview that for many Aboriginal students coming from small communities, a

See Construction, Page 6



Irene Oakes, daughter of Gordon Oakes, along with several family members, speaks at the announcement event.

LIAM RICHARDS



Inside

Teacher’s toolbox Page 5



Bacteria warfare Page 7



A gift for health

With their commitment of \$10 million announced Sept. 29, Les and Irene Dubé will ensure completion of the university's Health Sciences project. The philanthropists are shown with an artist's rendering of the entrance to the health sciences library that will bear their name. Their support will also be recognized in the 500-seat Leslie and Irene Dubé Theatre. For the full story, visit news.usask.ca

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The social media revolution

Researcher explores how software affects behaviour

✍ KRIS FOSTER

The social media tsunami approached, hit and had a huge impact, leaving a lot of catch-up work in its wake aimed at figuring out what can be done within the realm of zeros and ones. Julita Vassileva is up to the task.

“Social media will revolutionize how business, politics, non-profit organizations and education work,” explained Vassileva, who defines social media as online spaces that allow interaction, sharing of opinions, ideas and resources. “It has the potential to influence people’s behaviour to do good things for themselves and for their communities.”

With \$416,000 over five years from the Natural Sciences and Engineering Research Council of Canada (NSERC), Vassileva, professor in the Department of Computer Science, will look to answer some questions that online

communities have brought up. Of particular interest to Vassileva is how incentives and software design can motivate desired behaviour.

“To unlock this potential, one needs to answer profound research questions about human motivation and solve the technological challenges in building infrastructures that support successful communities,” she said. “This research aims to develop an infrastructure that motivates people to pursue and accomplish goals that benefit them and their communities.”

Vassileva understands the enormity of the task in answering an age-old question, how can we influence behaviour to make positive contributions to society? “We want the users to have positive outcomes, not just waste time,” she explained. “We want the communities to motivate people to learn, be

healthy and act in ways that benefit communities.”

An obvious incentive is money, because “it is the simplest and most ubiquitous, but often this is not a feasible option because of the expense. There are other intrinsic and tangible rewards we can use to motivate behaviour,” explained Vassileva. “We are looking at recognition, reputation, status and goal accomplishment; people go to extensive lengths to gain these. Look at eBay, where reputation is essential to making money, or Facebook where the number of friends is a measure of status.”

The focus of Vassileva’s research during the course of the project will be on designing online community infrastructure based on motivational mechanisms and applied to developing healthy lifestyles, encouraging volunteerism and even online learning.

“Motivating people relies



Vassileva

on understanding deep issues of individual and collective human behaviour and these are very important to every online system,” she explained.

“Figuring out how to influence positive social behaviour could be extremely valuable, but every system and every user demographic will be unique.” ■

FROM THE ARCHIVES

Health-care pioneers

✍ PATRICK HAYES, U OF S ARCHIVES



U of S Archives, A-8806

Four decades before the Government of Saskatchewan enacted a system of universal health services, the students of the U of S began a system of health insurance on campus. President Walter Murray describes the plan in his 1925-26 annual report: “Two years ago the Students Representative Council inaugurated a Benefit Fund for the relief of students who received injuries while participating in University sports. The Fund has proved so beneficial that next year provision will be made

to enlarge the Fund to cover sickness as well as accidents. The University has also undertaken to make greater provision for the medical examination and care of the students”.

The initial fee was \$2 per student rising to \$3 for the more comprehensive plan. That same year Dr. Murray notes: “There has been much serious illness among the students during the past session. An epidemic of mumps was followed by another of measles. A larger

number than usual went to the hospital for serious operations. Death came to three students and to Mrs. Grant, who had been living with her daughter, the Superintendent of Qu’Appelle Hall.”

In 1928, a daily clinic was established in Saskatchewan Hall between the hours of 11am and noon.

U of S Archives, A-8806. A group of students and a nurse stand outside Saskatchewan Hall. Two students are holding Communicable Disease certificates. ca. 1934. ■

In the new world of copyright compliance

In what Martin Phillipson describes as the brave new world of copyright, the University of Saskatchewan is working to put in place the resources instructors need to ensure their teaching materials comply with both internal policy and federal copyright law.

“We’re really taking a three-pronged approach to addressing copyright in the post-Access Copyright era on campus because while the law hasn’t changed, it’s not business as usual any more,” said Phillipson, a law professor and the acting vice-provost of faculty relations. “We have to have a defensible or robust system in place to verify copyright compliance that will stand up to outside scrutiny.”

The U of S was one of about 30 Canadian universities that withdrew from the Access Copyright collective at the end of August after proposed changes to that organization’s tariff were deemed unacceptable. The university’s first efforts were on the education front, informing teaching staff of what the change will require, said Phillipson. “Copyright compliance is the joint responsibility of the institution and the individuals who teach for us.”



Phillipson

“Copyright compliance is the joint responsibility of the institution and the individuals who teach for us.”

Martin Phillipson

The second and third prongs of the copyright strategy involve marshalling both the technological and human resources needed to assist faculty and other teachers in determining “what they can and cannot do with particular material.” On

See Balance, Page 4

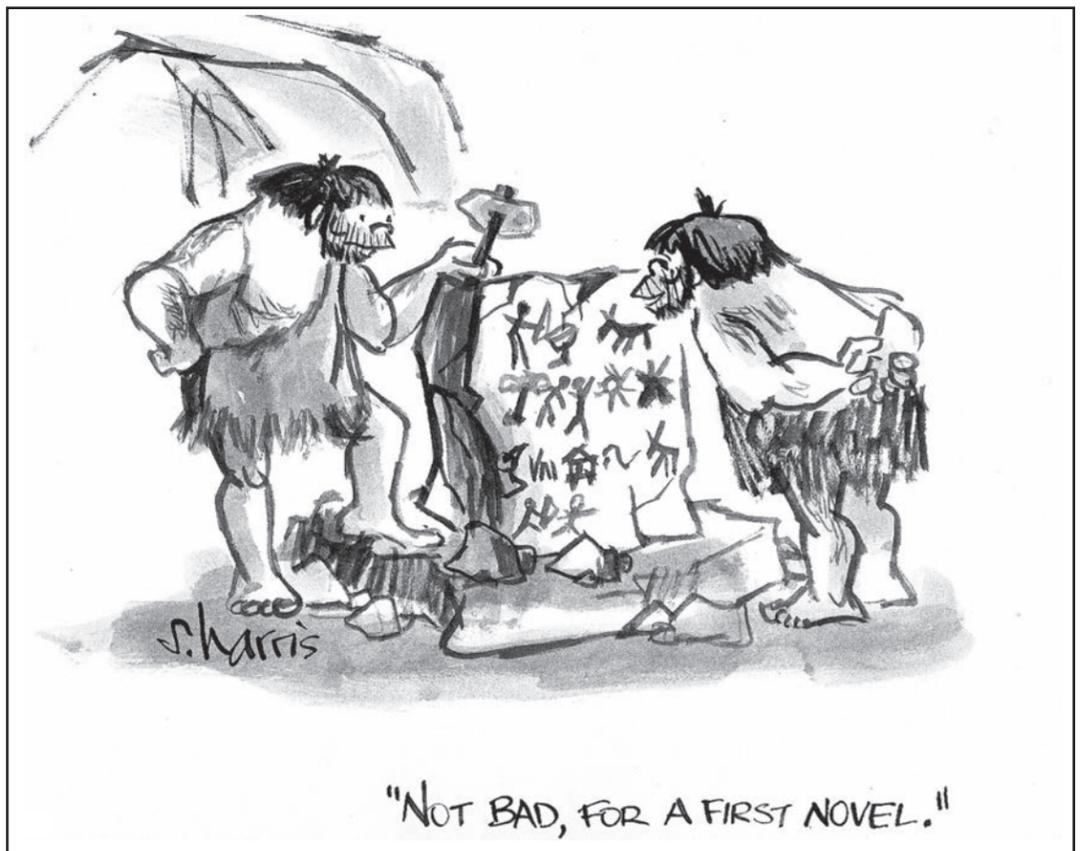
Retirees honoured

The University of Saskatchewan Retirees Association recently held a special event at the Faculty Club to honour the recipients of its Prime of Life Achievement Awards.

The association uses the award to recognize university retirees who, after their retirement, have continued to make contributions that have been acknowledged by local, provincial, national or international bodies.

This year's recipients are:

- **Roma Franko**, former head of the Dept. of Slavic Studies and later, the Department of Modern Languages
- **Delwyn G. Fredlund**, former professor in the Department of Civil Engineering
- **Bryan Harvey**, former vice-president of research and professor in the Department of Crop Sciences
- **David Keegan**, first joint head of the U of S College of Medicine and Saskatoon Health Region's Depts. Of Psychiatry
- **R. Lal Kushwaha**, retired professor in the Department of Agricultural and Bioresource Engineering
- **Che Kan Leong**, retiree from the Institute of Child guidance and Development
- **Gwenna Moss**, former dean of the College of Home Economics and associate vice-president academic
- **Paul Riemer**, retired professor in the Department of Civil Engineering ■



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Balance law, academics

from Page 3

the technology front, Phillipson said the University Library will be purchasing software to help locate appropriate materials that meet the pedagogical needs of instructors. In terms of human resources, there are already people on campus assisting with copyright licences and permissions “but we want to consolidate those supports in a more coherent way so faculty will know where to go to get the answers they need.”

The goal, he said, is a system to assure copyright compliance and while the details have yet to be finalized, it will likely involve a sign off process at the department level. “The balancing act

is to meet our legal obligations without interfering with the academic mission of the university.”

Phillipson noted the university's existing copyright policy, which was approved in 2009, would not require any updating to meet the institution's compliance objectives.

In terms of faculty response to the changes, Phillipson said some are concerned about individual responsibility “but I think most appreciate and understand their legal obligations.” The education efforts will continue, he said, and he hopes copyright compliance supports and procedures will be in place by the end of the calendar year. ■

Collaboration key to One Health strategy

Last month, I spoke at a symposium in Ottawa that highlighted the progress of Fore-CAN (Foresight for Canadian Animal Health). Created in 2008, this three-year project has brought together all levels of government, industry, academia, health and agricultural organizations. Its mission: to develop a framework for managing future animal health emergencies in Canada.

If you believe this project doesn't affect you, think again. Many emerging diseases are zoonotic, meaning that they can be transmitted between animals and humans. Two recent examples are SARS (severe acute respiratory syndrome) and avian influenza — both caused global alarm. A national plan to manage animal health crises is as critical to people as it is to animals.

On behalf of the Canadian Faculties of Agriculture and Veterinary Medicine (CFAVM), I talked about academia's role in training future veterinarians and scientists as well as developing health expertise and new technologies. I also stressed our national and international responsibility for bringing the concept of One Health to life.

One Health's goal is to improve animal, human and environmental health through collaboration among all health sciences. By working together, health professionals can develop strategies for managing serious issues such as food- and water-borne diseases, environmental changes and emerging zoonotic diseases. Interprofessional expertise is also critical for managing more common diseases and infections — such

as rabies — in communities.

One Health is fundamental to the future success of an integrated framework for animal health and emergency response in Canada. What surprised Fore-CAN partners is how much integration we already have in place at the University of Saskatchewan.

As the only Canadian university with all health science colleges on one campus, we already have collaborative leadership through the Council of Health Science Deans. One Health is a U of S signature research area, and a number of our human and veterinary researchers regularly collaborate on translational studies in areas such as oncology, reproduction, neural systems and immunology and infectious diseases. Many of our animal and human health faculty also work closely with regional, provincial and national health agencies on public health issues such as zoonotic diseases and food safety.

By its very nature, the shared leadership among the U of S Council of Health Science Deans is helping to build bridges between health sciences — creating those vital connections that Fore-CAN organizers are calling for on a national level. Simply put, the U of S is a vibrant microcosm of what health officials want to establish in Canada and around the world.

Of course, there's still much

more to do. We've all invested time into developing strategies that can integrate One Health into our local, regional and national frameworks, but one of the symposium's key messages was that “culture trumps strategy.”

How do we change culture? That's the challenge, and I believe it's one of our most important jobs in academia. By weaving interprofessional education and activities into our joint curricula, we can change the culture as we graduate health professionals who have partnering and integrated health care embedded into their academic experiences.

For example, a U of S chapter of the National Health Sciences Students' Association (NaHSSA) has already helped to bring together students from all health science colleges for inter-professional discussions and activities.

Moving from multiple spheres of health to a stronger One Health structure will take time, co-operation and effort — but it's a process that we must not delay any further. As we've already witnessed, a single emerging disease can overwhelm the world. We need a combined, strategic effort to manage these global health crises. The health of people and animals depends on our success. ■

Douglas Freeman is dean of the Western College of Veterinary Medicine.

Viewpoint

➤ Send letters to the editor or viewpoints to ocn@usask.ca

ocn On Campus News

On Campus News is published 18 times per year by University of Saskatchewan 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 University of Saskatchewan community.

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

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➤ In Memoriam

Helen Hobbs (Nursing), April 16
Niall McCloskey (Classes), July 6
Geoffrey England (Business), Aug. 24
Taylor Steeves (Biology), Sept. 6

Tools of the teaching trade

ITS launches new online suite for instructors

by COLLEEN MACPHERSON

For those instructors who manage their courses online, their toolbox has just gotten a whole lot bigger.

This fall, Information Technology Services (ITS) launched a new set of course tools that includes the basics but offers many more features as well as the opportunity to modify and customize tools to suit particular needs. More than a year in development, the new online tools

resources from publishers.

Shirriff explained the course tools were developed in consultation with a faculty advisory group that was polled about what tools they use and what functions they would like added. Among the enhancements is a feature that allows an instructor to post an assignment that students can pick up and drop off electronically, eliminating the need to email finished work back to the instructor. There is also a new grade centre to organize and distribute marks to students for immediate feedback on their work. And the course tools can now be accessed from a mobile device.

A group of seven pilot instructors worked with the new tools in test courses over the summer “and were excited about all the features they could use,” said MacKenzie. “It gave them all the freedom they needed to play around with the tools without students watching.” The instructors could also be test students “so they could see exactly what students see.”

Almost as much effort has gone into familiarizing instructors with the new tools as went into their development. Shirriff said training materials were prepared for all users including videos and “tips and tricks” resources. Every instructor received a personal phone call over the summer to introduce the

offer something for everyone, from those who just want to post lecture notes to those who want to set up virtual chat rooms or wikis. As Amanda MacKenzie, ITS project manager said, “as instructors grow, the system can grow with them.”

The change was required because the old course tools software was outdated, explained Janis Shirriff with ITS training services. A new software platform that has been modified to the U of S look and feel provides not only the expanded suite of tools but integration with other e-learning services like blogs or web conferencing and with online textbook

“... as instructors grow, the system can grow with them.”

Amanda MacKenzie



From left to right, Amanda MacKenzie, Bill Wallace and Janis Shirriff.

COLLEEN MACPHERSON

tools and point to ITS supports that include group orientation sessions as well as one-on-one assistance.

Shirriff said the most positive responses so far have been to the enhanced announcement capabilities that include sending text messages to

students who chose that option and the tools that allow instructors to post test and assignment results, organize students into groups and add in teaching assistants.

On the flip side, Bill Wallace, instructional support services manager, said that some instruc-

tors taken aback “by the sheer number of advanced features that can be turned on. This platform is so powerful that it can be a bit overwhelming” but many are taking advantage of the ITS supports “and I don’t know of anyone who’s gone away still frustrated.” ■

ocn Publishing Schedule

No.	Issue Date	Deadline Date
5	Oct. 21, 2011	Oct. 13, 2011
6	Nov. 4, 2011	Oct. 27, 2011

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Construction to begin in spring 2012

From Page 1

campus the size of the university can be overwhelming. "For many of our Aboriginal students, the campus is the biggest environment they've ever entered," he said, "but if

you see in its architecture a symbol of who you are, you'll feel more at home. For me, the Gordon Oakes-Red Bear centre is about Aboriginal students feeling at home and knowing the University of Saskatchewan is committed to their success."

Speaking at the announcement, Ryan Moccasin, president of the Indigenous Students' Council (ISC), said the centre represents "a step on the journey that the university and Aboriginal students share together." He described the

supports that will be available in the centre, including mentorship and access to elders, "but what Aboriginal students long for is a home away from home and a sense of community" which the centre will provide.

To celebrate the project moving forward, the ISC held a full-day culture gathering Oct. 5 on the future site of the centre.

Richard Florizone, vice-

president of finance and resources, said the university expects the cost of the centre to be "in the range of \$10 million but there is further design work needed to finalize the budget." Funding for the project has been a challenge, said MacKinnon, "but no capital project is ever easy. It's always hard to raise money for bricks and mortar" but efforts to find contributors will continue. ■



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Around the Bowl

Three appointments have been announced in the university's Distinguished Chairs Program, set up to celebrate exceptional achievement in research, scholarly, and artistic work by faculty or emeriti. The selections this year are:

William Kerr, professor in

the Department of Bioresource Policy, Business and Economics in the College of Agriculture and Biore-sources, and one of North America's foremost agricultural economists in his specialty of international trade and innovation; **Bill Waiser**, professor of history who has been described as "Saskatchewan's historian" for his decades of work uncovering the rich stories from Western Canada and Saskatchewan in particular; and **Ron Steer**, a physical chemist in molecular spectroscopy in the Department of Chemistry whose research on the behavior of organic molecules that have absorbed light is leading to new insights in the field of solar energy.



Kerr



Waiser



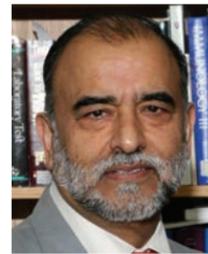
Steer

The College of Nursing has announced the appointment of **Catherine (Cathy) Jeffery** to the position of director of Continued Nursing Education, starting Nov. 14. Jeffery will bring extensive leadership and nursing experience to the role of director.



Potter

Andrew Potter, director and CEO of the U of S Vaccine and Infectious Disease Organization-International Vaccine Centre (VIDO-InterVac), has been elected a Fellow of the Canadian Academy of Health Science (CAHS). The award recognizes his groundbreaking contributions to vaccine research and development. At its meeting Sept. 16 in Ottawa, the CAHS also elected **Dr. Jay Kalra**, professor of pathology, to its board. The aim of the organization is to provide assessment and advice on key issues relevant to the health of Canadians.



Kalra

Roger Pierson received the award of excellence in reproductive medicine at the recent annual meeting of the Canadian Fertility and Andrology Society. The award is presented to society members in recognition of leadership and contributions to the field of reproductive science. Pierson is director of the university's Reproductive Biology Research Unit.



Pierson

In the Department of Bioresource Policy, Business and Economics, PhD graduate **Nicoleta Uzea** was the winner of the Food Distribution Research Society's 2011 William Applebaum Award for outstanding PhD thesis dissertation relating to food distribution and marketing. Uzea's work is entitled *Co-operation and Coordination in the Co-operative Retailing System: Essays on Economic and Identity Strategies*.



Uzea



Dalai

Ajay Dalai, Canada Research Chair in Environmentally Friendly Chemical Processing and associate dean research in the U of S College of Engineering, has been granted a Fulbright Scholar Award to the University of California, Davis. As the Fulbright Scholar at UC Davis, Dalai will conduct research to develop an integrated process for the complete conversion of biomass to alcohols, phenols and methane using supercritical technology.

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- learn Cree
- see wild polar bears

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Waging war on nasty bacteria

✎ KRIS FOSTER

An interdisciplinary group of U of S researchers is waging war on particularly nasty strains of bacteria that are drug resistant and life threatening.

Using a wide range of expertise from across campus, the Canadian Light Source (CLS) synchrotron and the facilities at the Saskatchewan Structural Science Centre, the Molecular Design Research Group has set out to combat drug-resistant *Staphylococcus aureus*, one of the most feared infections in hospitals. And with millions of dollars in funding from the Saskatchewan Health Research Foundation, the Canadian Breast Cancer Foundation, NSERC, CFI and CIHR, the group has all kinds of sneaky bacteria in their crosshairs.

“Beyond staph being a timely research area because of its re-emergence, it was also an area that members of the group had in common,” said David Palmer, head of the Department of Chemistry and leader of the research group. “In simplest terms we are attacking the bacteria’s defenses and finding weaknesses in order to destroy it.”

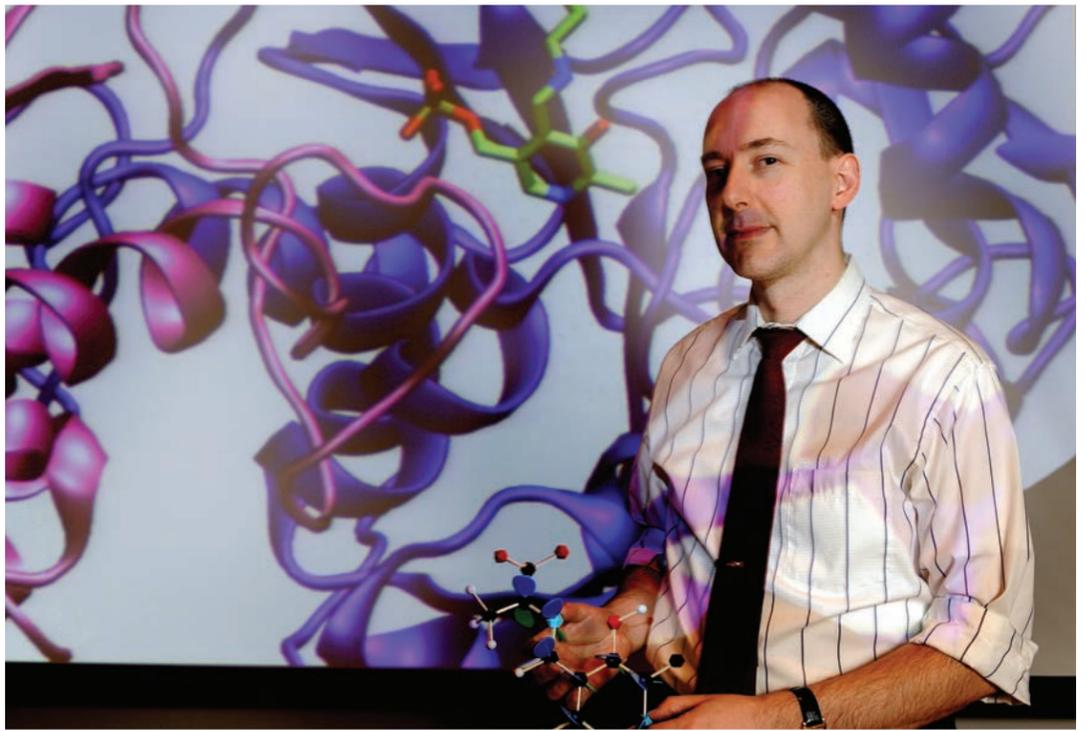
Using synchrotron beamlines to determine protein structures from drug resistant strains of *S. aureus*, the group—established in 2003 with members Harold Bull, Hughes Goldie and Peter Howard (microbiology and immunology), Yu Luo and Oleg Dmitiriev (biochemistry), Takuji Tanaka (food and bioproduct

sciences), Pawel Grochulski from the CLS, and David Sanders and Palmer (chemistry)—set out to search for answers that will help them discover molecules and design drugs that will target these infections.

“We are focusing on the structures of protein that build cell walls, proteins that make antibiotics and proteins called multidrug transporters that help bacteria expel drugs, making them drug resistant. Focusing on the protein characterization sets us apart,” said Palmer. “If we can understand how the proteins work, we can figure out which molecules can disrupt the process. Then we can develop inhibitors or design drugs that can defeat certain strains.”

Often these molecules already exist in nature, Palmer explained. A lot of antibiotics are derived from what micro-organisms are already making—like penicillin. “This kind of information can be used to engineer bacteria to make specific antibiotics,” he continued.

Looking at the bigger picture, this research has the chance to become foundational in scope, explained group member David Sanders. “The strength of discovery-based research is that we are developing the problem solving skills that can be applied to other areas,” said Sanders, associate professor in the Department of Chemistry. “All aspects of health involve interactions of proteins with other molecules.



David Palmer, head of the Department of Chemistry

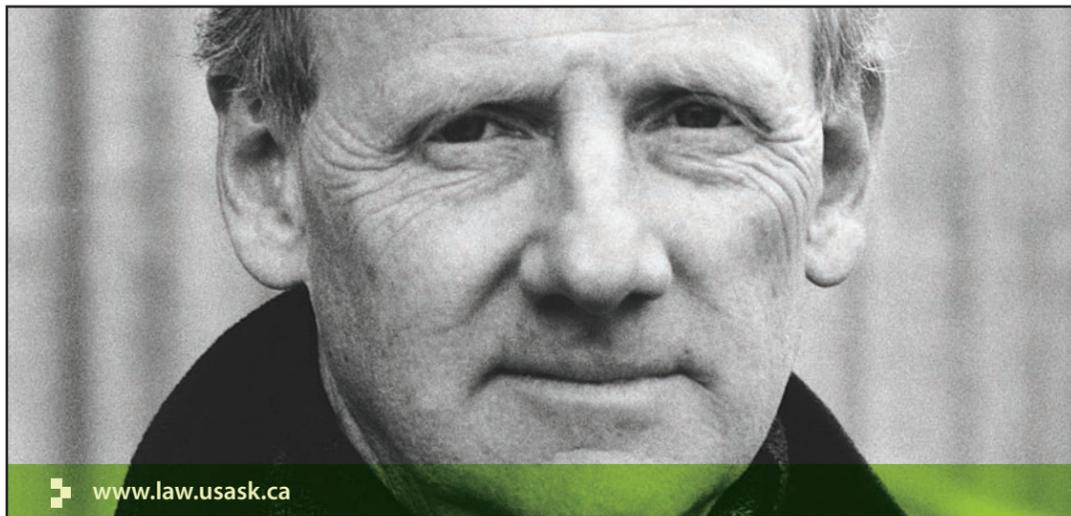
DEBRA MARSHALL

If we can contribute to understanding these interactions, we can help target other virulent multidrug resistant bacteria.”

The molecular design group has had some success understanding proteins of *S. aureus*, and finding a compound to fight the bacteria, said Sanders. While the effect is weaker than they would like, they are encouraged. “When you collaborate with so many researchers, departments and colleges, the answers and principles we discover can be applied to different questions and problems. This has led to more funding for members of the group.” ■



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Alumni award recipients announced

The U of S Alumni Association will honour the recipients of its 2011 achievement awards at a banquet at the Radisson Hotel in Saskatoon on Oct. 28. For more information about the 2011 recipients, visit alumni.usask.ca



Tony Dagnone, C.M., BComm'65 – Tony Dagnone has more than 38 years experience in health care as the CEO of academic hospitals including Royal University Hospital and the London Health Sciences Centre, Toronto. In 2009, he was appointed commissioner of Saskatchewan's Patient First Review, and was a founding board member of the Canadian Medical Hall of Fame.



Edward Hudek, BSA'40 – With research, experience and ingenuity, Edward expanded the practice of agriculture in the Canadian prairies and delivered public policy solutions to farmers. After teaching agricultural engineering at the U of S, he began a 25-year career at the Manitoba Department of Agriculture, and then managed a 10,000-acre CIDA project in Sudan.



B. E. (Bev) Allen, BSP'73, RPEBC – Over his distinguished 38-year career, Bev Allen has been involved in almost every aspect of the pharmacy vocation from owning his own practice to teaching at the U of S. His dedication earned him both the Canadian Foundation for Pharmacy Pillar Award and an honorary life membership with the Saskatchewan College of Pharmacists.



L. David Dubé, BA'84 – A five-year alumnus of Huskie football, David Dubé passionately supports U of S athletics. In 2006, he established the Huskie Football Scholarship Foundation, which has built a \$1.4 million endowment. President and CEO of Concorde Group Corp., Dubé actively supports the WCVM and Junior Achievement, among others.



Ken Linnen, BE'72 – Ken Linnen is known in the engineering and planning fields for his character, leadership, mentorship, intelligence, professionalism and practicality. In his 39-year career, Linnen has held positions at the Saskatchewan Ministry of Highways, the City of Regina, Saskatchewan Housing Corporation, and as a consultant at Stantec.



Rui Feng, PhD'92 – Rui Feng has worked as a geologist and an executive in the mineral resource industry for over 17 years. He is an entrepreneur with an extensive track record in successfully acquiring and exploring mineral properties. He has held positions at the National Engineering and Science Council and the Institute of Sedimentary and Petroleum Geology.



Terrence Veeman, BSA'62 – Terry Veeman has enjoyed a lengthy and productive career at the University of Alberta since 1970. A Rhodes Scholar, his teaching areas are development and resource/environmental economics, while his research contributions focus on agricultural and forest productivity, sustainable development and renewable resource policy.

Where do we go from here?
learn more at SustainUS.usask.ca

Campus Sustainability Day 2011

Sustainability at the U of S: Learning from the present, looking to the future

Tuesday, October 25
1:30 – 3:30pm
Convocation Hall, U of S

Assessing sustainability at the University of Saskatchewan: What have we done? How are we doing? And where do we go from here?

Highlights:

- a public announcement by Dr. Brett Fairbairn on the university's Sustainability Tracking Assessment and Rating System (STARS) results and an update on the university's Climate Action Plan
- a speakers' panel to discuss the Sustainability Working Group's progress on the Campus Sustainability Plan, focusing on five areas of campus life: education, research, operations, governance, and community engagement

Everyone welcome.

Hosted by the University of Saskatchewan's Office of Sustainability and Sustainability Working Group



Council approves nuclear innovation centre

by COLLEEN MACPHERSON

After a protracted debate, a motion from the floor and some procedural wrangling, University Council gave its approval Sept. 14 to the establishment of the Canadian Centre for Nuclear Innovation (CCNI) at the U of S.

Categorized as a type C entity, the centre will operate as a subsidiary of the university and will develop partnerships in nuclear science and technology that support the research and academic mission of the U of S. With no mandate to conduct research or training activities directly, the CCNI will serve as a funding agency for academic programming and research and development projects, and will oversee nuclear facilities on campus such as the cyclotron.

The genesis of the centre was the announcement in March of a \$30-million, seven-year investment by the province in nuclear science at the U of S. An additional \$17 million was announced for the construction and operation of a cyclotron.

In introducing the approval motion, Bob Tyler, chair of Council's planning and priorities committee, explained the CCNI would be "a funding agency rather than an academic centre per se ... but the projects it funds have the potential to have an impact on things we do on campus."

John Root, the CCNI's interim director, then gave a short presentation outlining the key activities of the centre – programs, projects and facilities – that would fall within four themes: nuclear engineering and sciences; materials science; health sciences using nuclear methods; and social and environmental sciences associated with nuclear technologies.

He explained that the centre will issue periodic calls for proposals that will be considered for funding and

stressed the need for involvement by U of S faculty as well as by partners. Root also explained the centre's governance structure, which will be headed by a board of directors made up of two university representatives, two members from the province and four others. Its corporate activities will be reported to the U of S Board of Governors and its research and academic activities to Karen Chad, vice-president of research. Chad noted the Canadian Light Source synchrotron is also a type C centre with the same structure.

The first speaker in support of the approval motion was David Parkinson, vice-dean of humanities and fine arts in the College of Arts and Science, who said he saw in the centre proposal "principled support" for broad inclusion across campus and the opportunity for "real community discussion."

Several non-Council members spoke against the motion, with one suggesting that by funding the centre at the U of S, the provincial government is using the university "to circumvent the expressed wishes of the people of Saskatchewan."

President Peter MacKinnon responded to that comment by reminding Council that the university has a proud history of success in nuclear science, most notably the development of the Cobalt 60 machine which revolutionized radiation treatment for cancer. He stated adamantly that the university "is not tied to anyone's agenda," to which he received a round of applause.

Dr. Claire Card, professor of large animal clinical sciences, expressed a number of concerns about the CCNI proposal relating to its governance model, its academic compo-

nents and what she described as the "overly proscriptive" influence of the provincial government. She made a motion that the proposal be returned to the planning and priorities committee for further work.

In response, Tyler pointed out the proposal still has to go to the university board for approval, and "the academic discussions of what this centre will do are far from over. We're creating a funding opportunity; it's up to us to take advantage of the academic opportunities themselves." Card's motion was defeated.

Further support for the centre came from Dr. William



Root

Albritton, dean of medicine, and Dr. Douglas Freeman, dean of the veterinary college,

who both pointed to nuclear imaging and medicine as areas of significant opportunity through the CCNI. Sociology Professor Harley Dickinson expressed confidence any shortcomings in the proposal would be addressed, adding that the centre positions the U of S "for a world leadership role. We'd be foolish not to endorse it."

Prior to the vote on the motion, Tyler assured Council members they could "have confidence that your discussion today will be in front of the Board of Governors" when it considers the proposal. The board will consider the proposal at its Oct. 14 meeting. ■

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This impressive 1363 sq ft modified bi-level, custom built in 2008. Is fully developed with many upgrades and professionally landscaped. Features maple & granite kitchen with island, 3+1 bedrooms, den, 6 appliances included, extensive hardwood flooring on main and cork on lower level. Koehler fixtures throughout. On demand hot water system, central air, & yard includes deck, patio, & sprinklers with computerized rain sensor! Close to elementary schools soon to be built. \$509,900



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More pictures and info www.woutersrealty.com

Next OCN deadline is **October 13**

The Editor as Concertmaster

Presented by EAC Saskatchewan

Monday, 14 November 2011 / 9:00 am – 4:00 pm
Western Development Museum / Saskatoon

Like a concertmaster, an editor possesses many talents. Part writer, part structural and stylistic editor, part copy editor and proofreader, part project manager, and part wizard, a skilled editor interprets and fine-tunes the individual elements of a document while focusing on its ultimate purpose: a well-written text delivered on time and on budget to enthusiastic audiences. This seminar will examine how an editor's work is structured by the document's context, purpose, various requirements, and ultimate audience.

Presenter Moira Rayner White is a freelance editor, writer, and trainer with both public and private sector clients. She has decades of experience editing print and electronic publications.



for more information
email saskatchewan@editors.ca or go to
www.editors.ca/branches/saskatchewan

2011 Employee Opinion Survey



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UNIVERSITY OF SASKATCHEWAN | usask.ca/hrd

Coming Events

■ Courses/Workshops

Information Technology Services (ITS) Training Services

For info or to register, email us at its.training@usask.ca or visit <http://training.usask.ca>.

- Adobe Acrobat Pro X Inter - Collaboration, Oct. 18, 9-noon, \$100 for faculty, staff & students; \$125 for others
- Adobe Acrobat Pro X Inter - LiveCycle Designer Forms, Oct. 18, 1:30-4:30 pm, \$100 for faculty, staff & students; \$125 for others
- Adobe Illustrator Intro, Oct. 11 & 12, 1:30-4:30 pm, \$150 for faculty, staff & students; \$185 for others
- Adobe InDesign Intro, Oct. 11 & 12, 9-noon, \$150 for faculty, staff & students; \$185 for others
- Adobe InDesign Inter, Oct. 31 & Nov. 2, 1:30-4:30 pm, \$150 for faculty, staff & students; \$185 for others
- Adobe InDesign - Working with Text, Nov. 1, 1:30-4:30 pm, \$100 for faculty, staff & students; \$125 for others
- Adobe InDesign - Masters & Layers, Nov. 3, 1:30-4:30 pm, \$100 for faculty, staff & students; \$125 for others
- Adobe InDesign - Pictures & Objects, Oct. 27 OR Nov. 4, 1:30-4:30 pm, \$100 for faculty, staff & students; \$125 for others
- Adobe Photoshop Intro, Oct. 12 & 19, 6:30-9:30 pm OR Oct. 14 & 19, 1:30-4:30 pm, OR Oct. 27 & Nov. 3, 9-noon, OR Nov. 23 & 30, 1:30-4:30 pm, \$250 for faculty, staff & students; \$300 for others
- Adobe Photoshop Inter, Nov. 8, 15, 22, 1:30-4:30 pm, \$250 for faculty, staff & students; \$300 for others
- ArcGIS Introduction, Oct. 17 & 18, 6:30-9:30 pm, \$0 for faculty, staff & students; \$185 for others
- U of S Course Tools / Blackboard Learn 9 Fundamentals, Sept. 26, 3-4:15 pm, \$0 for faculty, staff; n/a for others
- HTML Basics, Oct. 21, 1:30-4 pm, \$0 for faculty, staff & students; \$100 for others
- Make the Most of Your Mac, Oct. 19, 11 am-2:30 pm, \$0 for faculty, staff & students; \$75 for others
- Make the Most of Your PC (Windows 7), Oct. 28, 3-4:30 pm, \$0 for faculty, staff & students; \$75 for others
- MS Access Fundamentals Plus, Oct. 17 & 19, 1:30-4:30 pm, \$150 for faculty, staff & students; \$185 for others
- MS Excel Fundamentals, Nov. 1 & 3, 9-noon, \$150 for faculty, staff & students; \$185 for others
- MS Excel Fundamentals Plus, Oct. 11 & 13, 1:30-4:30 pm, \$150 for faculty, staff & students; \$185 for others
- MS Excel Advanced Querying, Oct. 25, 1:30-4:30 pm, \$100 for faculty, staff & students; \$125 for others
- MS Office 2010 What's New, Oct. 28, 1:30-3 pm, \$0 for faculty, staff & students; \$75 for others
- MS Outlook Web App Seminar, Nov. 4 OR Nov. 17 OR Nov. 28, times vary (1.5 hr seminar), \$0 for faculty, staff & students; n/a for others
- MS Outlook 2010 Fundamentals, Nov. 9, 9-noon, \$0 for faculty, staff & students; \$100 for others
- MS PowerPoint - Creating Research Posters, Oct. 27 OR Nov. 29, 3-4:30 pm OR Nov. 18, 2:00 pm-3:30 pm, \$0 for faculty, staff & students; \$75 for others
- MS PowerPoint - Tips & Tricks, Nov. 24, 2:30-4 pm, \$0 for faculty, staff & students; \$75 for others
- MS PowerPoint Fundamentals, Oct. 12, 9-noon, \$0 for faculty, staff & students; \$100 for others
- MS Word Footnotes, Figures & Master Documents, Oct. 14 OR Oct. 21, 1:30-3 pm, \$0 for faculty, staff & students; \$75 for others
- SAS for Windows - Introduction, Oct. 25 & 27, 6:30-9:30 pm, \$0 for faculty, staff & students; \$130 for others
- Wiki Fundamentals, Oct. 25 or Nov. 16, 10:30-11:30 am, \$0 for faculty, staff & students; n/a for others
- Additional Workshops, Seminars and Custom Training are available; email us at its.training@usask.ca OR visit training.usask.ca

Continuing Nursing Education

www.usask.ca/nursing/cne

- Oct. 18, RUH East Lecture Theatre, Arthritis Update Telehealth
- Oct. 21-22, Foot Care Modalities for the Elderly Person workshop
- Oct. 28, Provincial Primary Care Tuberculosis Education Day

Office Software Course

The Dept. of Computer Science is offering CMPT 120.3: Digital Document Processing in Term 2 of the 2011/12 academic year for people using Word or Excel for work or research. Course details can be found at www.cs.usask.ca/courses/course_descriptions/CMPT_120.php

WSEP Safety Training Courses

Register at www.usask.ca/wsep/web_course

- Biosafety: Nov. 2, Dec. 15, 8:30 am-4 pm
- Biosafety Refresher: Oct. 27, 8:30 am-12:30 pm; Nov. 22, 12:30-4:30 pm
- Standard First Aid w/CPR A: Oct. 19 and 20, 8 am-4:30 pm
- Laboratory Safety: Oct. 26, Nov. 17, 8:30 am-4:30 pm
- Occupational Health Committee Level 1 Training: Nov. 14 and 16, 8:30 am-4:30 pm
- Radiation Safety: Nov. 23, 8:30 am-4:30 pm
- Safety Orientation for Employees: Oct. 24, Nov. 1, Nov. 28, 1-4 pm
- Safety Orientation for Supervisors: Oct. 24, Nov. 24, 9 am-noon
- Transportation of Dangerous Goods (Receiver): Dec. 7, 11-noon
- Transportation of Dangerous Goods (Refresher): Oct. 17, Dec. 14 1-4 pm
- Transportation of Dangerous Goods by air or road (Shipper): Dec. 5, 8:30 am-4:30 pm
- Workplace Hazardous Materials Information System: Nov. 8, 1:30-3:30 pm

Centre for Continuing and Distance Education

For information, go to www.ccde.usask.ca or call 966-5539

Business & Leadership Programs

- Emerging Technologies: Learning How to Use Social Media, Oct. 15 and 22
- Emotional Intelligence: The Other Side of Smart, Oct. 20
- Tomorrow's Workplace: Leading the Millennial Generation, Nov. 15
- Leadership for Frontline Supervisors, Nov. 23-24
- Business Writing and Grammar Workout, Nov. 30-Dec. 1

USCAD Fall Art Classes

- Illustrations in Plasticine, Oct. 21, 22, 23
- Miniature Creations in Sculpture, Dec. 2, 3, 4
- Wireworks Sculpture, Nov. 18, 19, 20
- Paint, Edit & Transform Images: Combining iPad w/Photoshop, Oct. 11 - Nov. 22 (evenings)
- Glass Fusion I, Oct. 15, 16 (weekend)
- Glass Fusion II, Nov. 5, 6 (weekend)
- Silver Clay Workshop, Oct. 19, 21, 22, (weekend)

Garden Fundamentals

- Oct. 22-23, 9:30 am - 4:30 pm. Instructor Vanessa Ross Young, U of S Master Gardener program co-ordinator. This workshop deals with basic soil science and basic plant anatomy

University Employee Development Programs

- Crucial Conversations: Wed. Oct. 12 & 19, 8:30 am - 4:30 p.m. or Wed. Dec. 7 & 14, 8:30 am - 4:30 p.m. Fee: \$450.00
 - Covey Leadership Program: Oct. 21, half-day kick off; Dec. 8 & 9, Seven Habits, 8:30 am - 4:30 pm; Jan 16 & 17, Great Leaders/Great Teams/Great Results, 8:30 am - 4:30 pm; Feb 15, half-day report out. Fee for all 6 sessions: \$1900.00
- ### U of S Language Centre Programs
- Effective Writing & Grammar, Mon. and Wed., 5-7 pm, Oct. 12-Dec. 5, \$315.00
 - Graduate-Level Writing, Tues and Thurs., 7-9 pm, until Dec. 8, \$470.00
 - Spoken English, Tues. and Thurs., 7-9 pm, Oct. 11-Dec. 1., \$315.00

- Pronunciation, Thurs, 7-9 pm, until Dec. 8, \$210.00
- Listening and Notetaking, Thurs., 4:45 - 6:45 pm, Oct. 13 - Dec. 1, \$175.00
- Effective Reading Skills, Tues., 4:45 - 6:45 pm, Oct. 11 - Nov. 29, \$175.00
- TOEFL & CanTEST Prep, Tues & Thurs, 4:45-6:45 pm, Oct. 11 - Dec. 1, \$345.00

Edwards School of Business, Business Advisory Services

For information call 966-8686, email bas@edwards.usask.ca or visit www.edwards.usask.ca/programs/bas

- The Masters Certificate in Project Management, Oct. 12 - Feb. 25, Regina
- The Masters Certificate in Project Management, Oct. 18 - March 24, Saskatoon
- The Women of Influence Breakfast, Oct. 18, Saskatoon
- Edwards Seminar Series, Internet Marketing, Oct. 20, Saskatoon
- The Project Management Course, Oct. 24 - 26, Saskatoon

Western Regional Training Center (WRTC) Seminar

- Oct. 14, 12:30 - 2 pm, Prairie Room, Diefenbaker Canada Centre, Nazmi Sari, Dept. of Economics, U of S, and research faculty, Saskatchewan Population Health and Evaluation Research Unit, presents Physical activity and length of hospital stays: Is there a role for physical activity in chronic disease management?

The Gwenna Moss Centre for Teaching Effectiveness

For full details and to register for courses visit www.usask.ca/gmctc

- Oct. 24, Nov. 7, Nov. 21, Dec. 5 and Dec. 19, 10-noon, Scholarship of Teaching and Learning short course with Brad Wuetherick
- Oct. 13, Nov. 3, Dec. 1, 1-4 pm, Teaching Portfolio short course with Kim West, GMCTE
- Oct. 25, 1:30 - 3 pm, Creating Effective Rubrics with Michelle Prytula, College of Education
- Nov. 8, 3-3:30 pm, Student Evaluations of Teaching - Online with SEEQ with Jim Greer, director, ULC
- Nov. 24, 4-6:30 pm, Neatly Timlin Theatre, Schooling the World: The White Man's Last Burden film screening and discussion

■ The Arts

College Art Galleries

Opening Oct. 7 with a curator talk/tour and a public reception is *Animal* featuring the work of a number of artists. The show is organized by Museum London in partnership with the Robert McLaughlin Gallery, Dalhousie Art Gallery and the College Art Galleries. The exhibition continues until Dec. 17.

Film Festival

The India Film Festival 2011 is taking place Sunday afternoons in the Neatby-Timlin Theatre. Showings include: Oct. 16, *Taal* (Hindi) directed by Subhash Ghai; Oct. 23, *Vihir* (Marathi) directed by Umesh Kulkarni; Oct. 30, *Moner Manush* (Bengali) directed by Goutam Ghose; Nov. 6, *Black* (Hindi) directed by Sanjay Leela Bhansali; Nov. 13, *Swyamsiddha* (Oriya) directed by Sudhanshu Mohan Sahoo; and Nov. 20, *Kaal Chilambu* (Malayalam) directed by M. T. Anoor. Show time is 2 pm and the showings are free.

Newman Players

STM's Newman Players present Hans Christian Andersen's tale *The Princess and the Pea* Oct. 21-23 in the Fr. O'Donnell Auditorium at St. Thomas More College. Shows are at 7 pm with a 2 pm matinee Oct. 23. Call 966-8900 for information or tickets.

The Three Sisters

Greystone Theatre presents *The Three Sisters* by Anton Chekhov, directed by Pamela Haig Bartley, until Oct. 15. For tickets or more information contact the theatre box office at 966-5188.

Amati Opera Event

The University of Saskatchewan Amati Quartet along with the Saskatoon Opera Society and the U of S Musical Theatre Ensemble will perform Purcell's *King Arthur*, a semi-opera with libretto by John Dryden Oct. 29 at 7:30 pm in Third Avenue United Church. For more information, visit the Amati website at amatiquartet.usask.ca

NFB Series

The second in the 2011-12 National Film Board series is *Waterlife*, the story of the Great Lakes narrated by Gord Downie of The Tragically Hip. Showings are at 11 am and 7 pm Oct. 20 in the Collaborative Learning Lab, first floor, Murray Library.

University Authors Collection

The University Library exhibition features recently published books written, edited or translated by U of S faculty and staff, as well as a few of the earlier notable works from the collection. The exhibit will be on display in the Link area on the first floor of the Murray Library. The official opening will take place at 4 pm on Sept. 27.

Kenderdine Gallery

On view is *Flexus Maximus*, curated by Kent Archer and featuring the work of Leila Armstrong and Chai Duncan who call themselves 12 Point Buck. The show continues until Dec. 16.

■ Huskies@Home

Football

Oct. 14, 7 pm vs. Calgary

Soccer

Oct. 29, noon (women) vs. Regina, 2:15 pm (men) vs. Victoria
Oct. 30, noon (women) vs. Manitoba, 2:15 pm (men) vs. UFV

Wrestling

Nov. 26, the Huskie Open

Women's Hockey

Oct. 14, 7 pm vs Regina
Oct. 28 and 29, 7 pm vs Alberta

Men's Hockey

Oct. 15, 7 pm vs Regina
Oct. 21 and 22, 7 pm vs Lethbridge at Credit Union Centre

Volleyball

Oct. 28-29, 6 pm (women) and 8 pm (men) vs. TWU
Nov. 5, 6 pm (women) and 8 pm (men) vs. Regina

Basketball

Oct. 20-22, Graham Construction Shootout (men)
Nov. 18-19, 6:15 pm (women) and 8 pm (men) vs. Lethbridge

■ Miscellany

Sustainability Day

Campus Sustainability Day will be held Oct. 25 with an event in Convocation Hall from 1:30-3:30 pm entitled sustainability at the U of S: Learning from the present, looking to the future. Included will be the release of the university's STARS results, a speaker from the Association for the Advancement of Sustainability in Higher Education, a panel discussion and presentations by students. More information is available at facilities.usask.ca/sustainability

CFUW Book Sale

The Canadian Federation of University Women will be holding its annual book sale Oct. 18-20, 9 am to 8 pm in the German Concordia Club, Cartwright Road and Lorne Avenue. Proceeds go to support scholarships.

■ Seminars/Lectures

Gairdner Foundation Lecture

- Oct. 20, 3 pm, SaskTel Theatre, RUH, Dr. Nicholas White, Mahidol Oxford Tropical Medicine Research Unit, Faculty of Tropical Medicine, Bangkok, presents Malaria: Disease, prevention and cure

Chemistry Seminars

- Oct. 7, Fabiola Becerril-Jiménez, PhD student, will give a seminar entitled Total Synthesis of *ent*-Caloundrin B
- Oct. 14, Michael Siu, Department of Chemistry and Centre for Research in Mass Spectrometry, York University, will give a seminar entitled Head and Neck Cancer Biomarkers Discovered by Mass-Spectrometry Based Proteomics: Diagnostic, Prognostic and Therapeutic Significance
- Oct. 21, Steve Westcott, Department of Chemistry and Biochemistry, Mount Allison University, will give a seminar entitled Arylspiroborates: From Antifungals to Catalysis

Edwards Research Seminar

- Oct. 7, noon-1 pm, Room 189 Edwards Building, Min Maung presents Disappearing Dividends: A Rational Explanation and Implications

Dean's Speaker Series

- Oct. 14, 1 pm, Room 18 Edwards School of Business, the Dean's Speaker Series presents Piers Steel, author of *The Procrastination Equation: How to Stop Putting Things Off and Start Getting Stuff Done*, who will take on the myths and misunderstandings behind procrastination and motivation. RSVP to luczka@edwards.usask.ca

Law Lecture

- Oct. 12, noon, MacPherson Leslie and Tyerman LLP Lecture Theatre, Room 150, College of Law, Fiona Sampson presents *The Equality Effect: Canadians and Africans Seeking Justice Together*

Microbiology and Immunology Seminars

- Thursdays, 4-5 pm, Room A226 Health Sciences Building
- Oct. 20, David Kroeger presents Mechanisms and Functional Consequences of CD4 T cell Co-operation in Vivo

Philosophy in the Community

- Oct. 12, 7 pm, The Refinery, 609 Dufferin Ave., Mark Capustin presents Authority, Obedience, and Respect for the Law

Geography and Planning Colloquia

- Fridays at 3:30 pm in Kirk Hall 146
- Oct. 7, Sergio Alvarado presents Bus Rapid Transit (BRT) in Puebla, Mexico
- Oct. 14, Gabriela Silva presents Watershed scale in urban environmental planning: Rio de Janeiro, Brazil
- Oct. 21, Elizabeth Wentz presents Remote sensing for monitoring and modeling urban systems
- Oct. 28, Patricia Gober presents Climatic uncertainty: What it means for water planning and policy
- Nov. 4, Paul van Pul presents Reflections on the Great War (Remembrance Day Memorial Lecture)

Veterinary Microbiology Seminar

- Oct. 19, 9 am, VIDO Lecture Theatre, Monika Polewicz presents Development of novel vaccine formulations against pertussis for early life vaccination in the presence of maternal antibodies

■ Conferences

Physics conference

The U of S is hosting the Canadian Undergrad Physics Conference Oct. 13-16. It will feature student talks, a grad fair, tours of campus facilities and four plenary speakers, including a video conference with Stephen Wolfram. Tickets for that event are available from cupc@pss.usask.ca. For more information, visit cupc.ca

■ Submit Coming Events

Next OCN: Friday, Oct. 21, 2011
Deadline: Thursday, Oct. 13, 2011



Victory at home

Huskies football coach Brian Towriss and linebacker Tom Lynch, originally from Gananoque, NS, congratulate each other after the Huskies' 36-33 come-from-behind victory over the UBC Thunderbirds Sept. 30 in the annual Alumni and Friends Homecoming game. The victory put Towriss in the record books as the all-time leader in regular season and playoff wins by a football coach in the Canadian Interuniversity Sport with 170.

Campus Incidents

Selected incidents reported by the Department of Campus Safety. Report all information about these and other incidents to Campus Safety at 966-5555.

Sept. 26-Oct. 2

- Officers issued the following tickets:
 - 4 for having alcohol in a public place
 - 2 for operating an unregistered motor vehicle
 - 1 for using a cell phone while driving
 - 1 for speeding
 - 2 for having alcohol in a motor vehicle
 - 7 for minor in possession of/consuming alcohol
- Officers investigated one motor vehicle accident.
- Officers investigated rash of break-ins to vehicles in U lot.
- Officers arrested one person for breach of an undertaking.
- Willful damage was done to a glass panel in an entrance door to Sask Hall.
- Officers attended four medical calls.

New admission policy

In the fall of 2012, a U of S admission policy will place Alberta students on a level playing field with their Canadian counterparts when applying for admission.

Final high-school marks used to apply to post-secondary institutions are calculated differently for students who follow the Alberta curriculum (including those living in Northwest Territories and Nunavut) compared to students in the rest of Canada.

In Alberta, 50 per cent of final marks consist of exam test scores, while final grades in other parts of the country are from all senior year marks.

The new policy will admit Alberta students based on their in-class or diploma marks, or a blend of the two—whichever mark is higher. The new policy will not lower U of S admission quality—general policies and averages for admissions to university will remain the same. ■

live & learn

Centre for Continuing & Distance Education
University of Saskatchewan Language Centre



As a former field researcher, Susan tagged and tracked polar bears in Nunavut. Today, she is the Director of Research Services for the Office of the Vice-President Research. She took a variety of Business & Leadership programs, and several other CCDE courses to further develop her leadership skills.

Whether you want to develop your leadership capacity or explore your creativity, our programs are flexible—allowing you to maintain life-balance as you fulfil your educational goals. We offer

- courses for professional development and personal interest,
- multilingual language classes to help you prepare for your next trip, and
- Kids' Camps during school breaks and summer, conveniently located on or near campus.

The CCDE collaborates closely with Human Resources to ensure that many offerings qualify as employment-related training. Ask us how your Professional Development allowance can be used to enhance your leadership, management and communication skills. **Call 966.5539 to learn more.**

 UNIVERSITY OF SASKATCHEWAN | ccde.usask.ca



Dorothy Knowles, "Soft Prairie Grass", 2006, Acrylic on Canvas, 48" x 48"

Dorothy Knowles "Sky Above, Earth Below"

Dorothy Knowles is considered by many to be one of Canada's finest painters. We are, indeed, honoured and pleased to be presenting this exhibition "overview" of her work; including watercolours, and works on canvas. Not only has Dorothy continued to paint prolifically with watercolours, acrylics and oils, but she is one of the very few artists that is truly comfortable working from large to small scale and with a variety of subjects. Furthermore, she is one of the few landscape painters who not only has an exceptional knowledge and command of the technical requirements of painting, but can blend them with an intuitive sensitivity to the abstract components of art. As a result, Dorothy Knowles' paintings don't just record a location; they elicit a feeling in the viewer that he/she is actually there.

Reception: Saturday October 1st, 2-4pm
Exhibition runs October 1st - 20th, 2011

images of all the artworks in this show are on our website at www.artplacement.com

The Gallery / art placement
228 3rd ave s (back lane entrance),
saskatoon, sk, S7K 1L9
306.664.3385 www.artplacement.com

The View from Here



KRIS FOSTER

The brick Second World War memorial on the right of both of these photographs has remained virtually unchanged but the upper Memorial Union Building, now home to Browers and XL Design, looks significantly different today compared to how it looked in 1958.

Editor's note: Apologies again to the nice people forced to move from their table so that we could get our shot.



UNIVERSITY ARCHIVES A-591