

Discovery Digest

BE WHAT THE WORLD NEEDS

March 2021 - Issue 38

In this issue: SHRF funding announced for USask researchers, VIDO advances toward Centre for Pandemic Research, major CFI funding for bison research, engineering biology, and maternal medication information, as well as polar bears, COVID-19, and more!

Every month, USask Research Profile and Impact highlights research from across campus. *Discovery Digest* is a glimpse into how USask research, scholarly and artistic work is making a difference for Saskatchewan, Canada, and the world. **Feedback welcome!**

Last chance today! **SUBMIT** your *Images of Research*.



Paper accepted for publication? Get in touch!

Contact USask's **Research Profile and Impact** unit before your newsworthy publication comes out! We need at least one week lead time to properly support your work, so don't wait—get in touch early! Email: Research.Communications@usask.ca

Top Stories



SHRF awards projects with impact and innovation

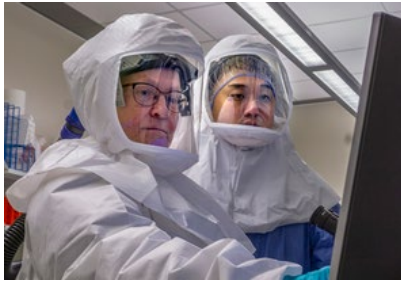
A study that focuses on virtual follow-up with discharged intensive-care patients is just one of the 10 USask research projects recently awarded a total of more than \$680,000 from the Saskatchewan Health Research Foundation (SHRF).

Dr. **Eric Sy** (MD), college of Medicine, was allocated \$150,000 to evaluate the effectiveness of a distance-based intensive care unit follow up on patients discharged to their home. The creation and piloting of a virtual health ICU follow-up clinic in Regina will take the ongoing COVID-19 pandemic into consideration.

The grants were awarded to projects in USask's colleges of medicine, nursing, arts and sciences, kinesiology and education as part of SHRF's new Solutions Program that aims to

mobilize the research community and its partners to focus and coordinate their diverse skills and perspectives to address timely Saskatchewan health challenges.

Full details, including team members and project summaries, are listed in a searchable database at shrf.ca/results.



VIDO gains provincial support towards becoming a 'Centre for Pandemic Research'

The Government of Saskatchewan has committed \$15 million to support USask's Vaccine and Infectious Disease Organization's (VIDO) position as a Centre for Pandemic Research.

The support will help upgrade and expand VIDO's containment infrastructure, support VIDO's role in Canada's response to emerging infectious diseases, and bolster scientific training. This provincial funding is in addition to the \$250,000 committed by the City of Saskatoon. [Read the details.](#)

Watch a video: VIDO Director Dr. **Volker Gerdt**s (PhD) also presented an invited Bacon & Eggheads webinar to MPs on the topic of **Better Pandemic Preparedness – How Canadian science can be ready for future threats.**



USask awarded \$6.76M to help revive North American bison population, strengthen Canadian cattle industry

USask reproductive biology specialist Dr. **Gregg Adams** (DVM, PhD) has been awarded \$6.76 million from the Canada Foundation for Innovation (CFI) to lead a multidisciplinary team undertaking a wide-ranging research program that will include working with

Indigenous communities to develop the world's first bison genome biobank at the university's **Livestock and Forage Centre of Excellence.**

The research will help conserve bison and other threatened animal species and address challenges facing the beef cattle industry, including antimicrobial resistance which poses a global threat to animals and humans. [Read the details.](#)



New national database to track risks and benefits of medication use during pregnancy

A new national research project, led in Saskatchewan by USask adjunct professor Dr. **Brandy Winqvist** (PhD), will establish a shared data platform to measure the impact of medication use on the health of mothers and babies. The Canadian Mother-Child Cohort Active Surveillance

Initiative (CAMCCO) has been awarded nearly \$1.2 million by the Canada Foundation for Innovation and an additional \$1.79 million from partner organizations to consolidate data from patients in Quebec, Ontario, Alberta, and Saskatchewan.

Over 75 per cent of pregnant women take medications for which the risks or benefits are unknown. This database will help researchers across the country to better understand and mitigate those risks.



USask awarded \$3.2M towards first-in-Canada engineering biology centre for ag innovation

The Canada Foundation for Innovation (CFI) will invest \$3.2 million in a unique biomanufacturing facility at USask that will use cutting-edge “engineering biology” technologies to accelerate agri-food innovation and help address food security needs.

Led by Global Institute for Food Security (GIFS) Executive Director and CEO **Steve Webb** and plant scientist Dr. **Tim Sharbel** (PhD), the new Engineering Biology Agri-food Innovation Centre within GIFS will integrate automation, biology and computation, using the biological machinery of cells, to make useful tools and products. The approach will lead to advances such as developing canola varieties more resistant to climate change, flavorings for the plant-based meat industry, and non-animal enzyme alternatives for the dairy industry. [Read the full story.](#)



Citizen scientist polar bear project launched

Prof. **Doug Clark** (PhD) in the School of Environment and Sustainability has teamed up with Oxford University researcher Dr. **Tom Hart** (PhD) to launch a unique polar bear behaviour research project. The project engages citizen volunteers to help analyze a decade’s worth of images captured by trail cameras at Wapusk National Park

in northern Manitoba.

In addition to more than 600 discrete polar bear observations, the cameras also have captured other species such as grizzlies, caribou and wolves in the boreal forest-tundra ecological boundary zone, opening up more avenues of research. Clark’s project will be done on the **Zooniverse** citizen science platform, which has more than one million volunteers who help researchers crunch data a reputation for providing high quality data.

Since publishing the story, there has been nearly 3,000 new volunteers who have classified nearly 500,000 images. [Read the full story.](#) [Volunteer for the project.](#)



Eyeing bacteria

A groundbreaking study by USask veterinary researchers Dr. **Marina Leis** (DVM) and Dr. **Matheus Costa** (DVM, PhD) shows that the cornea harbours different bacteria from other surfaces of the eye. The finding significantly changes understanding of the mechanisms of eye infections, and it can lead to the development of new

treatments that can target specific bacteria with antimicrobial drugs. However, applying

the findings to human eyes will take time. Researchers are now working to adapt the findings of the study, which was done on the eyes of piglets, to treating animals such as dogs that suffer from dry eye disease—a chronic condition that requires surgery.



USask receives \$300K from FCL to renew research chair focused on co-operative governance

The Co-operative Retailing System (CRS) Chair in Co-operative Governance at the University of Saskatchewan has received \$300,000 over five years from Federated Co-operatives Limited (FCL), on behalf of the CRS in Western Canada. Based in the **Canadian Centre for the Study of**

Co-operatives at the Johnson Shoyama Graduate School of Public Policy, the chair, the will be appointed in summer 2021.

In his role as the inaugural Co-operative Retailing System (CRS) Chair (2015), Dr. **Murray Fulton** (PhD), along with research fellows from the Canadian Centre for the Study of Co-operatives, Dr. **Brett Fairbairn** (PhD) and Dr. **Dionne Pohler** (PhD), developed an innovative framework that has re-shaped the centre's approach to researching, teaching, and providing advice on co-operative governance. [Read about the renewed chair.](#) Read about the [New Governance Framework](#).

COVID-19 Research

USask researchers in a wide range of fields are undertaking critical research to help combat COVID-19. [Read other stories.](#)



Canada's Global Nexus and VIDO join forces to combat COVID-19

McMaster University and USask have enhanced their long-standing collaboration in infectious disease research, signing a partnership agreement that brings the two institutions together to accelerate vaccine and drug development, human and animal clinical trials and create

new diagnostic tools.

The partnership will leverage the extensive research facilities and industry partnerships at Canada's Global Nexus for Pandemics and Biological Threats, based at McMaster, and the University of Saskatchewan's Vaccine and Infectious Disease Organization (VIDO). [Read the details.](#) [Read an op-ed](#) by VIDO director Dr. **Volker Gerdts** (PhD) and McMaster's Dr. **Gerry Wright** (PhD).

USask helps lead COVID-19 saliva dental research study

College of Dentistry professor and associate dean academic, Dr. **Walter Siqueira** (DDS, PhD), is leading a pan-Canadian research study that investigates COVID-19



infection rates, transmissions risks, and immune system responses of those working in dental clinics, laboratories and offices in Canadian dental schools.

The Government of Canada has invested approximately \$1.4 million through its COVID-19 Immunity Task Force for this study. The study will recruit 800 dentistry students, dental residents, faculty and staff from across the country who will provide a saliva sample and complete a COVID-19 questionnaire each month for a year.



USask partners with Indigenous communities and City of Saskatoon on COVID-19 wastewater study funded by the Public Health Agency of Canada

A USask research team has been awarded \$137,392 from the Public Health Agency of Canada (PHAC) to conduct a six-month COVID-19 wastewater surveillance project in Saskatoon and at five Saskatchewan First Nations

communities to provide early warning of outbreaks. The project builds on a six-month pilot study last year led by USask toxicologist Dr. **John Giesy** (PhD) which accurately predicted new cases.

The surveillance data will enable researchers to estimate community infection rates and determine upward or downward trends that can inform real-time management decisions. As well, the team has developed a laboratory test that can detect COVID-19 variants without needing to fully sequence the virus. [Read the full story.](#)



New studies look at COVID-19 antibodies among Canadian correctional populations

USask will play a role in a COVID-19 Immunity Task Force project to determine how many correctional service employees and individuals incarcerated in Canadian correctional facilities have antibodies to SARS-CoV-2. The Government of Canada is investing approximately \$1.2

million to fund the research at facilities in Saskatchewan, British Columbia and Quebec.

Dr. **Alexander Wong** (MD), a physician in Regina and assistant professor infectious disease at the USask College of Medicine, leads Saskatchewan's research for the project. He will work with inmates at the Regina Correctional Centre. [Read the CTV news story on the study.](#) [Read the news release.](#)

Adapting your research in a time of COVID

Have you been adapting your research program in innovative ways to pivot to our current pandemic reality? Have you changed your focus



to study something COVID-specific? Have you found a new way to conduct your research remotely? *Research Profile and Impact* wants to tell that story. Send brief examples of how you have been coping to research.communications@usask.ca

Health and health policy research



Seniors, patients, and astronauts could benefit from new USask research on bone health

A USask team led by kinesiology professor Dr. **Saija Kontulainen** (PhD) has been awarded \$200,000 by the Canadian Institutes of Health Research (CIHR) to research whether aerobic and resistance exercises can prevent bone loss associated due to inactivity.

The research, part of a 17-month national project, involves studying the impact of 14-day bed rest on the bodies of 24 volunteers aged 55 to 65. The findings will help to reduce falls and fractures caused by weakened muscles and bones in older Canadians, aid in the recovery of COVID patients and others confined to prolonged bed rest after injury or surgery, and guide measures to maintain the bone health of astronauts during space flight. [Read the full story.](#)



Reproductive Justice and Indigenous Women in Saskatchewan: Overview and Recommendations

JSGS Adjunct Professor Dr. **Alana Cattapan** (PhD), Canada Research Chair in the Politics of Reproduction and an Assistant Professor in Political Science at the University of Waterloo, has co-written a policy brief titled

Reproductive Justice and Indigenous Women in Saskatchewan: Overview and Recommendations. [Read the brief online.](#)

Food security research



Global Institute for Food Security researchers at USask help map broad genetic diversity of canola crop

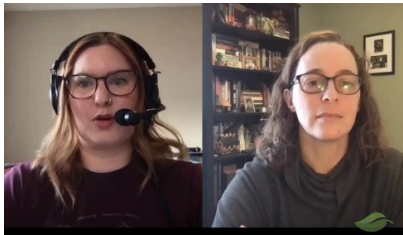
Global Institute for Food Security (GIFS) researchers at USask are members of an international consortium of leading academic and commercial seed companies from the USA, Canada, Europe and Israel that announced the successful mapping of the canola pan-genome. Building a pan-genome database to unravel the broad genomic diversity in canola is key to

expanding the crop's productivity and will help increase its use for a range of applications - replacing lower quality vegetable oils and diesel fuels. The results of the consortium's research have immense economic value for Canada, one of the world's leading producers and exporters of canola.



New OPAL facility at GIFS ready to support USask ADF applications and research needs

With a full suite of short and long read sequencing services and bioinformatics capabilities, the Omics and Precision Laboratory (OPAL) at the Global Institute for Food Security (GIFS) is ready to support USask researchers' Agricultural Development Fund applications. GIFS also has cell biology and greenhouse facilities to support research across campus. Reach out to opalinfo@gifs.ca to discuss your sequencing needs. [Learn more about OPAL.](#)



Using predictive soil mapping for better soil management, improved decision-making

To precisely manage crops, producers need detailed information about how soil properties vary across a field. But, how can they gain that information without breaking the bank, and how many samples is enough to

be useful?

Soil scientist Dr. **Angela Bedard-Haughn** (PhD), Dean of the College of Agriculture and Bioresources, has a new project in partnership with CropPro Consulting which combines soil sample measurements, chemical analysis of the samples, and treats the data with predictive soil mapping. [Read the story at RealAgriculture.](#) [Watch a video interview.](#)

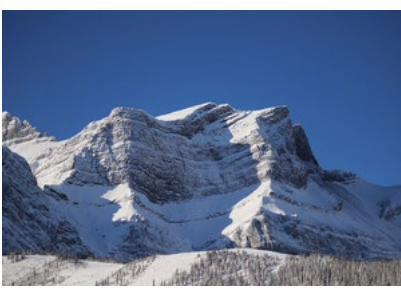


Graduate students enrolled in AgBio programs receive funding to help set them up for success

In the 2018-19, students in thesis-based programs in the College of Agriculture and Bioresources received more than \$6 million in financial support from USask. On average, master's students received more than \$20,000/year for three years, while doctoral students

received more than \$24,000/year for five years.

This funding—at least \$37,000 for master's students and at least \$66,000 for doctoral students—helps attract the best and brightest students from around the world. USask reported the most MSc and PhD students in Ag/Food Science graduate programs in the U15 Group of Canadian Research Universities in 2018-19. [Read the full story.](#)



USask model for predicting mountain snowpack provides clearer picture of spring runoff, impacts of climate change

After decades of research, a new model was developed by USask researchers that for the first time successfully predicted mountain snowpack with a high degree of accuracy and detail—information of critical importance for water management, agriculture, mining, recreation, and flood forecasting worldwide. Snow cover in the mountains is the principal driver of spring runoff.

The Canadian Hydrological Model (CHM) developed by a team led by hydrologist Dr. **John Pomeroy** (PhD), Canada Research Chair in Water Resources and Climate Change, will provide valuable information on spring runoff, risk of flooding, avalanche danger, and the impact of climate change.

Synchrotron sciences



Helping remove SARS-COV-2 from the air we breathe

A USask research team led by engineering researcher Dr. **Jafar Soltan** (PhD) and including PhD engineering student **Nazanin Charchi** gned a device that can sanitize the air and could help protect us from the virus that causes COVID-19. The scientists are testing how effective the device is at inactivating airborne pathogens and the feasibility of integrating it into current air conditioning systems. The team is using the Canadian Light Source to take high resolution images of their device while it is in action to gain a deeper knowledge of and improve the sanitation process.

Accolades



USask's Kalra re-appointed to prestigious national board

USask researcher in pathology and laboratory medicine Dr. **Jawahar (Jay) Kalra** (MD) has been re-appointed to the board of the Council of Canadian Academies (CCA), an influential non-profit organization of leaders from across the country dedicated to informing Canadian public policy development. In addition to being an active researcher and educator at USask since 1985, Kalra has filled major leadership roles internationally, across Canada, and on campus, including serving six years as chair of University Council and as a member of USask's Board of Governors after being re-elected in 2019 for a second three-year term. [Read the full story.](#)

USask researchers short-listed for SAGE Prize

USask researchers Dr. **Elizabeth Quinlan** (PhD), Dr. **Susan**

Robertson (PhD), Dr. **Isobel M. Findlay** (PhD), Dr. **Beth Bilson** (PhD), and University of Regina's Dr. **Ann-Marie**

Urban (PhD) have just been nominated for the 2021 SAGE Prize for Innovation/Excellence for their co-authored article, "Ameliorating Workplace Harassment among Direct Caregivers in Canada's Healthcare System: A Theatre-Based Intervention," published in the journal *Work, Employment and Society*.

A prize is awarded annually to the top article in each of the British Sociological Association's four journals. [Read the paper.](#)

Undergraduate research



USSU Undergraduate Project Symposium 2021

From machine learning to pandemic preparedness to Precambrian dolomite in Nunavut, USask undergraduate students showcased a wide range of research expertise in the annual **USSU Undergraduate Project Symposium**.

Sponsored by the USSU and held online March 1-5th, 21 judges provided feedback, and notable attendees included Mayor **Charlie Clark**, Vice-Provost Dr. **Patti**

McDougall (PhD) and Vice President Research Dr. **Baljit Singh** (PhD). **Everyone with a USask NSID is invited to visit the symposium online until the end of winter term.**

Telling your research story



LAST CHANCE TODAY! SUBMIT your Images of Research NOW!

Today, March 16 before 11:59pm, is your last chance, so submit your photos and images NOW for fame and fortune!

Enter the seventh annual USask **Images of Research** photography and imaging competition, organized by Research Profile and Impact. Snap your research, scholarly, and artistic work and enter your images for the chance to win glory and cash prizes.

Submit today, then vote on your favourites March 17-31, and celebrate the winners in April.

Call for Applications: NSERC's Arthur B. McDonald Fellowships—Deadline March 31

The Arthur B. McDonald Fellowships (formerly the E.W.R. Steacie Memorial Fellowships) recognize outstanding

Arthur B. McDonald Fellowships

scholars who have held an independent academic position for 10 years or less. Winners receive a research grant of \$250,000 over two years and are relieved from all teaching and administrative duties for the duration of the fellowship. **For more information, including the changes made to the award to ensure equity, diversity, and inclusion, visit NSERC.**

Institutions are permitted to submit a limited number of applications, and each application must include a Certification of Nomination form. Those interested in applying should contact **Christopher Martin** at chris.martin@usask.ca by March 31 to express their interest in applying for these awards, and to be considered in the institutional quota.

Internal deadline (to indicate intent to apply): March 31, 2021

Agency Submission Deadline: June 7, 2021

In THE CONVERSATION

Mass COVID-19 immunization: Ensuring equitable access to vaccination

By Dr. Thilina Bandara (PhD), Dr. Cory Neudorf (MD), and Dr. Nazeem Muhajarine (PhD)

One important metric by which we can measure the success of our public health system: Ensuring everyone has access to immunization in their community.



Write about your own research in The Conversation

USask is a founding member of The Conversation Canada, an online academic journalism hub/newswire where researchers write plain-language editorials and explainers articles about their research. Articles written by USask researchers have been read more than 2.3 million times since the university entered into a partnership with the SSHRC-funded Conversation Canada in June 2017.

Writing is easier than you think!

Watch a video from Conversation Canada Editor-in-Chief Scott White.



Want to reach a broad audience with your research? Consider pitching an item to the Conversation. **Wondering where to start? Read a short explainer on how to write for The Conversation Canada. Read previous USask articles here and get in touch with Research Profile and Impact.**

International



In case you missed it: PAW speaker videos available

The fourth USask People Around the World (PAW) conference ran on Feb. 2 and 3, this time in a virtual setting. Bringing together expert research, applied knowledge, and lived experiences, the event focused on the question: *Is it possible to tackle COVID-19 and*

*leverage this moment of crisis to re-emerge stronger and united in our efforts to address the **UN 2030 Agenda**?*

The USask International Office has made videos from the conference available online.

Watch highlights from the conference, including Prof. Jeffrey D. Sachs' keynote address.

In the arts

THELMA PEPPER **ORDINARY WOMEN**

USask, Remai Modern collaborate on Thelma Pepper photography exhibit

Thelma Pepper: Ordinary Women. A Retrospective is a collaboration between Remai Modern and the USask Art Galleries and Collection, featuring works from both the museum's and the university's collections by the beloved

Saskatoon photographer. Pepper, who passed away in December at the age of 100, was named the recipient of the Lieutenant Governor's Arts Award—Lifetime Achievement, followed by the Saskatchewan Order of Merit.

The exhibition, which opened on Feb. 13, 2021, at Remai Modern and runs until Aug. 15, 2021, was co-curated by USask curator **Leah Taylor** and **Sandra Fraser**, Remai Modern curator (collections). The project is the first such collaboration between USask and Remai Modern since the two organizations signed a memorandum of understanding in 2017 to collaborate in areas of complementary strength and mission. **Read the details.**

Opportunities

RESEARCH INNOVATION & SCHOLARSHIP IN EDUCATION (previously Medical Education Research & Scholarship Day)

Research Innovation and Scholarship in Education (RISE) —Call for abstracts—Deadline Mar. 21

Submissions are open for abstracts for oral presentations and posters on any topic related to medical education for the College of Medicine Faculty Development's annual

Research Innovation and Scholarship in Education (RISE) event. Previously known as known as the Medical Education Research and Scholarship Day (MERSD), this year's RISE event will be held online on **June 11**. More event details to follow. Abstracts are due **Mar. 21**. View abstract forms online. **More information**

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2021 Child Health Research Trainee Day

by Department of Pediatrics, University of Saskatchewan

Virtual Child Health Research Trainee Day – Call for abstracts—Deadline Mar. 26

Abstracts are due **Mar. 26** for USask's Department of Pediatrics' **Virtual Child Health Research Trainee Day**.

This online research symposium on **April 15** will feature presentations from residents, graduate students, post-doctoral fellows, and undergraduate students engaged in child health research at USask. New this year is an award for best research photo. View abstract and photo submission forms and **register** today. Email **Tova Dybvig** with questions and/or submissions.



USask Music and Wellbeing Conference 2021—Call for submissions—Deadline Mar. 30

Scholars, researchers, educators, music therapists, musicians, and relevant stakeholders are invited to submit proposals for papers and demonstrations for USask's online Music and Wellbeing Conference, May 28-29, 2021. The purpose of the conference is to explore the multi-faceted ways in which music fosters well-being and contributes positively to one's quality of life in multifarious contexts. **Submission details.**

Life and Health Sciences Research Expo

2021 Life and Health Sciences Research Expo—Deadline April 9

Registration is now open for the Life and Health Sciences Research Expo being held in a new online format on May 6, 2021. Available prizes total over \$5,000! Students are encouraged to submit an abstract for the research competition, submit a paper for the Best Paper Award, and/or nominate an outstanding supervisor for the Best Supervisor Award. **The registration and materials submission period closes April 9, 2021.** For more information, visit healthsciences.usask.ca/expo.



2021 Water Film Prize: Call for Submission—Deadline April 30

Let's Talk About Water (LTAW) film festival is now accepting submissions for water-short films—up to 2 minutes—that inform, educate, inspire and motivate people to come together and embrace our ubiquitous need to value water and to share compelling stories about the current state of water resources around the globe. The deadline to submit your film is April 30, 2021.

Share your film to be in the running for prizes totaling \$25,000 CAD and have your film featured in the LTAW Virtual Theatre as part of our 2021 Film Festival. The LTAW 2021 Film Festival is hosted by the Global Institute for Water Security at the University of Saskatchewan.

Make your research stand out with ORCID

Join the rapidly growing network of USask academics setting up their own ORCID (Open Researcher and Contributor ID) identifier.

Openly, lecturers, graduate students and post-doctoral fellows anyone who researches—ORCID is free to use and takes less than a minute to set up. Your ORCID ID is a career-long, unique-to-you, 16-digit identifier that ensures you are more consistently and accurately credited for your work, and helps to advance the university's reputation.



Register now for your ID make sure to **link it to your USask NSID**.

For more information on ORCID and how to get started, visit library.usask.ca/orcid

Upcoming events



Ducks Unlimited Canada Endowed Chair in Wetland and Waterfowl Conservation announced – Mar. 16

USask and Ducks Unlimited Canada invite you to a virtual announcement of the **Ducks Unlimited Endowed Chair in Wetland and Waterfowl Conservation**. The new chair in the Department of Biology at USask will provide generations of students with opportunities to pursue their passions in conservation while delivering research that addresses some of the most pressing environmental issues of our time. Join us on Zoom at **4 pm on Tuesday, March 16**. **Register online to attend**.



Multi-Government Career MeetUp Summit – Mar. 18

The Johnson Shoyama Graduate School of Public Policy and the University of Saskatchewan Student Employment and Career Centre (SECC), in partnership with RBC Future Launch, are hosting a virtual **Multi-Government Career MeetUp Summit** on **March 18 from 1:30-6:00pm**.

This virtual summit is meant to support students' career development, to highlight future employment opportunities (through various booths), and to provide context for what careers within the public service sector (federal, provincial, municipal, Indigenous) and the non-profit sector are like. This event also provides undergraduate and graduate students with a virtual opportunity to make connections with leaders, faculty, and alumni in the community.

- **Indigenous Scholars Series: Deneh'Cho Thompson - Arts & Science**— Mar.17
- **Créations et fictions dans les Prairies-Arts & Science** – Mar. 19
- World Water Day events hosted by USask
 - **The Women + Water Lecture Series: Valuing Water** - Mar. 18
 - **Valuing Mountain Water** (WWD from Canmore) - Mar. 22

- **Let's Talk About Water Community Forum** - Mar. 22
- **Seminar: Predicting Childhood Asthma Using Urine Proteomics--Respiratory Research Centre—Mar. 23**
- **Critical Conversations 2021: Skawennati: Mohawks in Jetpacks-Arts & Science— Mar. 25**
- **Disinformation and Misinformation Workshop - News - Arts & Science** – Mar. 25
- **4th Annual māmowī āsohtetan Internal Truth and Reconciliation Forum** (Waitlist open) – Mar. 26

In the news

- The story ***Canada's Global Nexus and VIDO join forces to combat COVID-19*** was covered by 19 outlets, including MSN News Canada, Global News, and the World News, and was seen by more than 79 million people
- VIDO's COVID-19 vaccine development, and the support towards becoming a Centre for Pandemic Research was featured on ***CBC News, The Saskatoon StarPhoenix (1,2), Global News, CTV News, the Western Producer, and CKOM, and was seen by more than 21 million people***
- The story ***USask partners with Indigenous communities and City of Saskatoon on COVID-19 wastewater study funded by the Public Health Agency of Canada*** was covered by 34 media outlets including CBC News and Global News, and was read by nearly 20 million people.
- Prof. **Christy Morrissey** (PhD)'s research was featured by the *Saskatoon StarPhoenix*: ***U of S sustainable farming study sees 'win-wins' for nature, producers***

Something to chew on...

Eating for better health

Bored with the same old meals while you are stuck at home during the pandemic? A team of USask researchers led by kinesiology professor Dr. **Phil Chilibeck** (PhD) and nutrition professor Dr. **Gordon Zello** (PhD) have published an online cookbook with 50 clinically proven pulse-based recipes they've put together over the past 15-plus years of working with athletes to improve their metabolism and performance.



Best of all, in these times of reduced activity, these tasty meals will reduce your risk of cardiovascular disease, hypertension, diabetes and obesity—all factors that can complicate your recovery if you unluckily contract COVID-19.



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