In this issue: New Canada Research Chair funding, USask leads the country in research income growth, new made-in-Sask ventilator approved, USask leads major leap in sequencing 15 wheat genomes, and so much COVID research!

Top Stories

USask awarded $4.8 M for research chairs in digital gaming, health history, energy security, and environmental health

Three USask female researchers recognized as among Canada’s most promising leaders in their fields have been awarded new Canada Research Chairs to advance their innovative work in digital gaming, northern energy security, and health history.

- Computer scientist Dr. Regan Mandryk (PhD) and historian Dr. Erika Dyck (PhD) have been awarded Tier 1 chairs--$200,000 annually for seven years.
- Engineer Dr. Xiaodong Liang (PhD) has been awarded a Tier 2 chair--$120,000 annually for five years.
- Geological sciences professor Dr. Ingrid Pickering (PhD)’s Tier 1 chair in molecular
environmental science has been renewed for seven years. Pickering uses the Canadian Light Source, a national research facility of USask.

The researchers have also been awarded a total of $293,000 from the Canada Foundation for Innovation. Read the details.

USask partners on a made-in-Saskatchewan ventilator project

One hundred made-in-Saskatchewan ventilators will soon be available to support the needs of the province’s residents in the fight against COVID-19, thanks to an innovative collaboration among USask, the Saskatchewan Health Authority (SHA), and RMD Engineering Inc.

EUV-SK1, a portable, emergency use ventilator, has received Health Canada approval, and the first 20 ventilators have been delivered to the SHA. The collaboration involved USask researchers in engineering, medicine, law, and veterinary medicine. Read the full story.

USask leads Canada’s medical universities in research income growth, moving up three places to 11th spot in overall national ranking

In the just-published Canada’s Top 50 Research Universities 2020 rankings, USask is ranked first among the country’s medical universities for growth in total research income—an almost 40-per-cent gain in all external research grants and contracts.

Based on the latest financial data (2018-2019), the total USask-sponsored research income of $243.5 million is the highest in the university’s history. Read the details.

USask researchers lead national project to eliminate cervical cancer in Canada

USask researchers will play a lead role in a $1.6-million Urban Public Health Network (UPHN)-led national research project to help eliminate cervical cancer in Canada by 2040.

The project, led by UPHN president and USask community health and epidemiology researcher Dr. Cory Neudorf (MD), will shed light on how to improve vaccination rates against the human papillomavirus (HPV) that causes cervical cancer. Other USask researchers include Dr. Thilina Bandara (PhD) of community health and epidemiology, post-doctoral fellow Dr. Charles Plante (PHD) of Johnson-Shoyama Graduate School of Public Policy, and computer scientist Dr. Nate Osgood (PhD).

UPHN comprises the medical health officers of Canada’s largest urban centres. USask has signed a collaboration agreement to formally host UPHN projects, starting with the cervical cancer project which draws on Health Canada funds through the Canadian
Partnership Against Cancer. Read the details.

Landmark study generates first genomic atlas for global wheat improvement

In a landmark discovery for improving global wheat production, an international team led by USask Crop Development Centre director Dr. Curtis Pozniak (PhD) has sequenced the genomes for 15 wheat varieties representing breeding programs around the world.

The research results, just published in *Nature*, provide the most comprehensive atlas of wheat genome sequences ever reported, enabling scientists and breeders to much more quickly identify influential genes for improved yield, pest resistance and other important crop traits.

The 10+ Genome Project collaboration involved more than 95 scientists in Canada and around the world. The discovery was covered by media around the world, attracting more than 254 million unique page views on the internet. Read the full story.

Saskatchewan’s first mental health court reduces recidivism, USask evaluation finds

A USask evaluation led by Dr. Mansfield Mela (MBBS), director of the USask Centre for Forensic Behavioural Science and Justice Studies, has found that the first group of people to come through Saskatoon’s Mental Health Strategy Court were arrested less often for petty offences in the year following their participation in the program.

The mental health court aims to divert people with mental illness or Fetal Alcohol Spectrum Disorder away from the regular criminal court system by co-ordinating treatment for them in the community. Read the full story. Read the report.

Mela has also written *Prenatal Alcohol Exposure: A Clinician’s Guide*, a manual to help clinicians identify individuals with PAE and provide them with optimum care. The guide will be published by American Psychiatric Association Publishing in March of 2021.

New Agtech website launched

USask Research Profile and Impact has just launched a new website consolidating USask agtech research from across campus in one online location. The site highlights new technology applied to agriculture—including ‘smart’ farming, genomic sequencing of crop varieties, and other new versatile technologies to help bring farming into the digital age.

The site supports the university’s innovation mission and aims to help speed commercialization of ground-breaking USask innovations, spur collaborations across
COVID-19 Research

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

New USask wastewater data predict a downward trend in new Saskatoon COVID-19 cases; researchers caution against complacency

Based on data collected on Dec. 8, USask toxicologist Dr. John Giesy (PhD) predicts around 80 new cases of COVID-19 in Saskatoon per day for the upcoming week, and a five-day moving average trending downwards. The latest count of new cases in Saskatoon was 53.

Giesy cautioned against relaxing in response to less dire numbers: “Now is no time to get complacent. Unfortunately, many, many more people will get sick and others will die before we turn the corner on this global catastrophe.”

Data released on Nov. 19 by the team, which also includes toxicology researcher Dr. Markus Brinkmann (PhD), engineering researchers Dr. Kerry McPhedran (PhD) and Dr. Jafar Soltan (PhD), and graduate students Yuwei Xie and Shahab Minaei, accurately predicted that Saskatoon’s COVID-19 average daily case numbers would surge exponentially one week into the future. Read the full story on the research.

VIDO-InterVac on track to become ‘Canada’s centre for pandemic research’

Dr. Volker Gerds (DVM), director of USask’s Vaccine and Infectious Disease Organization-International Vaccine Centre (VIDO-InterVac), wants Canada to be better prepared to rapidly respond to the next pandemic. Part of Gerds’ vision for VIDO-InterVac as “Canada’s centre for pandemic research” is the idea of having adaptable vaccine platform technologies—instead of waiting until a disease breaks out, planning and developing vaccines based on predictions of what the next pathogen will look like.

VIDO-InterVac is already a global leader in efforts to combat COVID-19, and the first in Canada to isolate the virus, develop an animal model, and get a vaccine into animal testing. For an update on the next steps to develop a vaccine, read the full story.

Animals may hold key to understanding proteins involved in COVID-19 infection

Understanding why some animals—such as humans, cats, dogs and ferrets—get infected with COVID-19, while.
others—such as cows and pigs—do not, could be the key to unlocking new treatments and therapies.

In a recent study published in *Computational and Structural Biotechnology Journal*, a Canadian research team including USask virologist Dr. Vikram Misra (PhD) and USask’s incoming Vice-President Research Dr. Baljit Singh (BVSc & AH, PhD) analyzed available protein sequences of the virus and host cell receptors across different species.

Greater cellular oxidation with aging and sickness may explain why seniors and people with chronic illness get infected more often and more severely. Under those oxidation conditions, a particular pair of amino acids found in the affected animals forms a special bond, serving as an “anchor” to which the virus’ spike protein sticks. Read the full story.

**Telling stories to show impact of COVID-19 on Indigenous health and wellness**

As part of a Royal Society of Canada COVID-19 Working Group aimed at improving understanding about how COVID-19 is affecting the health and wellness of Indigenous peoples, five USask scholars are among 15 authors of a collection of stories entitled “COVID-19 and Indigenous health and wellness: Our strength is in our stories.”

The collection highlights how COVID-19 has magnified existing inequities with respect to adequate housing, water, food and income, and the “lack of Indigenous-centred processes for quantitative data collection, storage, governance and use across Canada,” leading to a shortage of data on the incidence among Indigenous peoples.

- Dr. **Carrie Bourassa**, PhD, (Anishinaabe-Métis), scientific director of the USask-based CIHR- Institute of Indigenous Peoples Health, and professor of community health and epidemiology
- Dr. **Alexandra King**, MD, (Nipissing First Nation), Cameco Chair in Indigenous Health and Wellness, assistant professor of general internal medicine
- Dr. **Malcolm King**, PhD, (Mississaugas of the Credit First Nation), professor of community health and epidemiology
- **Miranda Keewatin**, B.ISW, (Peepeekisis Cree Nation), a research assistant with Morning Star Lodge affiliated with the community health and epidemiology department
- **Nathan Oakes**, MPH(C) (Piapot First Nation), alumnus and former research assistant in pewaseskwan – The Indigenous Wellness Research Group in the College of Medicine

Read the stories at the RSC.
Bleach-alternative COVID-19 surface disinfectants may pollute indoor air: USask research

Cleaning surfaces with hydrogen peroxide-based disinfectants has the potential to pollute the air and pose a health risk, according to research led by USask chemistry researcher Dr. Tara Kahan (PhD), Canada Research Chair in Environmental Analytical Chemistry.

The results just published in the journal *Environmental Science & Technology* demonstrate that mopping a floor with a commercially available hydrogen peroxide-based disinfectant raised the level of airborne hydrogen peroxide to about 60 per cent of the maximum level permitted for exposure over eight hours. Read the details.

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**Accolades**

**Renowned USask crop scientist appointed to the Order of Canada**

USask professor emeritus Dr. Al Slinkard (PhD), a pioneer in lentil development whose work helped make Canada the global leader in lentil exports, has been appointed to the Order of Canada, one of the country’s highest civilian honours.

Awarded by Canada’s Governor General, the distinction recognizes outstanding achievements, dedication to community, and service to Canada. Slinkard, who joined the USask Crop Development Centre in 1972 from Idaho, has been named an Honourary Member, a designation for foreign-born recipients. Read about Al Slinkard’s work. Read about all the USask-affiliated recipients.

**National Indigenous health research leader honoured with SHRF Achievement Award**

USask researcher Dr. Carrie Bourassa (PhD), a prominent national leader, visionary and researcher in Indigenous health, was honoured with an Achievement Award from the Saskatchewan Health Research Foundation (SHRF) on Dec. 3.

As scientific director of the USask-based CIHR’s Institute of Indigenous Peoples’ Health and a faculty member in the College of Medicine, Bourassa’s leadership and knowledge are sought after around the world—from the community to the institutional level.

The award was announced as part of SHRF’s online Santé celebration event at which USask medical imaging researcher Dr. Humphrey Fonge (PhD) was awarded the Impact Award and six USask health researchers were awarded Excellence Awards. Read the details.
USask researcher named as Fellow of the Canadian Academy of Health Sciences

USask College of Medicine Vice-Dean Research Dr. Marek Radomski (MD, PhD) has been named a Fellow of the Canadian Academy of Health Sciences. The honour recognizes his stellar research record as one of the world’s foremost experts in the pharmacology and physiology of platelet aggregation and a pioneer in nanopharmacology, as well as his extensive senior leadership experience in the academy and industry both in Europe and Canada. Read the profiles of the new fellows.

Water scientist named to CBC's 2020 "Future 40"

For his work studying COVID-19 and wastewater, USask toxicologist Dr. Markus Brinkmann (PhD) has been named as a winner of CBC Saskatchewan’s 2020 “Future 40”—a list of Saskatchewanians aged 40 or under striving to make the province the best it can be.

Brinkmann also aims to find out how big a problem microplastics are in our surface water. Brinkmann has partnered with the City of Saskatoon and a non-governmental organization focused on educating people about water quality, the South Saskatchewan River Watershed Stewards, to determine levels of microplastics draining into local river systems. Read the story.

Widenmaier selected for Heart and Stroke Foundation national new investigator award

Dr. Scott Widenmaier (PhD) of the department of anatomy, physiology, and pharmacology, has been honored with the National New Investigator Award from the Heart and Stroke Foundation of Canada. Widenmaier’s research investigates obesity-linked cardiovascular disease. The award is presented to individuals who demonstrate excellence during their doctoral and post-doctoral training in cardiovascular or cerebrovascular research. As the highest-ranked national new investigator among all recipients, Widenmaier was also awarded the McDonald Scholarship.

USask researcher, alumna recognized with top history prize for innovative Doukhobor project

USask history professor Dr. Ashleigh Androsoff (PhD) and her collaborators USask alumna Dr. Elizabeth Scott (PhD), curator of the Western Development Museum, and Ryan Androsoff of Spirit Wrestler Productions have been awarded the 2020 Governor General’s History Award for Excellence in Museums: History Alive!, one of Canada’s top history prizes.
The project, which began in 2016, has preserved the unique spiritual and cultural traditions of Saskatchewan’s Doukhobor community through an immersive audio-visual soundscape installation, a historical museum exhibit, and a documentary film. Read the details.

**Appointments**

**New director of USask Research Profile and Impact appointed**

On Jan. 4th, Heather Persson, Editor-in-Chief of the Saskatoon StarPhoenix and Regina Leader Post, will join USask as the next Director of Research Profile and Impact (RPI). Persson, the first woman to hold the post of Editor-in-Chief, is a highly respected leader and award-winning journalist who led a team to six National Newspaper Award nominations and two wins.

Persson succeeds current RPI Director Kathryn Warden, who has served USask for two decades, winning national awards, providing strategic communications advice to researchers and university leadership, and growing and strengthening the university’s profile and reputation.

Warden will stay on until Jan. 15th to help onboard Persson. The RPI team leads strategic research storytelling across the university and is the university’s communications liaison with federal and provincial research agencies.

**Health research**

**SPHERU celebrates 20 years with new website**

For 20 years, the Saskatchewan Population Health Evaluation and Research Unit (SPHERU)—a bi-university health research unit based at both USask and the University of Regina—has been a leader in the study of social and structural factors that affect health and wellbeing in the province.

Led by USask community health and epidemiology researcher Dr. Nazeem Muhajarine (PhD), SPHERU research has led to health advances including:

- Developing indicators for the Canadian Index of Wellbeing, an internationally recognized framework for determining whether overall quality of life is getting better or worse.
- Measuring wellbeing from the perspective of northern Saskatchewan Indigenous communities and including rural and northern Indigenous perspectives into healthy aging research. The latter has led to better cognitive and physical health interventions, cultural revitalization, and improved training of health professionals.
- COVID-19 population health research which has contributed to Saskatchewan’s
Both sides of the brain involved in high-effort single limb exercise

The harder you grip with one hand, the more brain activation you get on the same side of the body. That’s the surprising result USask researchers have observed. The finding, published in *Neuroscience*, runs contrary to the classical understanding that single limb movements are controlled only by brain regions on the opposite side of the body.

The USask research team includes PhD students Justin Andrushko and Doug Renshaw supervised by Kinesiology researcher Dr. Jonathan Farthing (PhD), along with USask neurosurgery researcher Dr. Layla Gould (PhD), psychologist Dr. Ron Borowsky (PhD), and USask alumna and University of Lethbridge researcher Dr. Chelsea Ekstrand (PhD). Dr. Tibor Hortobágyi of University of Groningen, Netherlands was also a collaborator. Read about it here.

Physics and earth sciences

Bright light and powerful math leading the way to better LED lighting

Dr. Alexander Moewes (PhD), Canada Research Chair in Materials Science with Synchrotron Radiation, and his PhD student Ruhul Amin, in collaboration with Germany-based lighting company Lumileds—the world’s third largest LED manufacturer, have combined experimental data gathered at USask’s Canadian Light Source with theoretical data to develop deep insight into two types of light-emitting crystals for next-generation LEDs.

As lighting is responsible for 15 to 20 per cent of global energy consumption and five per cent of global greenhouse gas emissions, improved LED technology could have huge environmental impact. Read the details.

Earth’s magma gets runnier at higher pressures: USask research

A USask research team led physicist by Dr. John Tse (PhD), Tse’s former doctoral student Dr. Arnab Majumdar (PhD), and geologist Dr. Yuanming Pan (PhD) has found that in high-pressure environments—more than 50,000 times normal atmospheric pressure—liquid magma gets less viscous than at less intense pressures.

The results published in *Nature Communications* help clarify our understanding of the
Earth when it was first formed by a series of asteroids smashing into each other. The impacts were so intense that they created oceans of liquid magma, which then cooled and solidified over a few million years. This work revises previous estimates for this process which have varied from 1,000 years to hundreds of millions of years.

**Arts and artistic work**

**USask graduate student probes mystery surrounding medieval manuscript**

USask graduate student Ariel Brecht may be the first person to have cracked the case of the function and date of notes in the margins of a medieval Latin manuscript—Otto Ege’s *50 Original Leaves from Medieval Manuscripts, Western Europe XII – XVI Century* portfolios.

The Ege manuscripts were acquired by USask in 1957 and are housed in the University Library. The story was picked up by Medievalists.net, a well-read online digest of information about the medieval world. Brecht is co-supervised by English professor Dr. Yin Liu (PhD) and history professor Dr. Frank Klaassen (PhD). [Read the full story.]

**Business research**

**Failing quickly is critical to success in the biotech industry: USask research**

Failure rates among biotechnology firms exceed 95 per cent. Writing in the *Journal of Small Business Management*, business researcher Dr. Grant Wilson (PhD) and pharmacy management researcher Dr. Jason Perepelkin (PhD) found that failing fast and making strategic maneuvers post-failure led to higher revenue, profits, and return on investment.

Wilson recommends managers combine learning from failures with strategies such as innovating, risk-taking, and being proactive in the marketplace. [Read the paper here.]

**Telling your research story**

**The Economist interviews USask sociologist Timothy Kang**

USask sociology assistant professor Timothy Kang (PhD) was interviewed for a Dec. 12th story—*Deepening Despair*—on rising suicide rates among young South Korean women for The Economist, one of the world’s pre-
Kang, who published a 2017 paper on the topic, says young Korean women face tremendous pressure as they are “simultaneously faced with the same competitive educational and employment expectations as their male counterparts, yet are also expected to uphold traditional, largely patriarchal values that focus on personal presentation, homemaking, and family obligations (e.g. marrying and having children).” They thus encounter “workplace discrimination, sexist standards of beauty, and work a ‘second shift’ as employees and mothers,” he says.

The story is available by subscription.

USask researchers featured in Canadian Science Policy magazine

USask mathematics and statistics researcher Dr. Steven Rayan (PhD), director of USask’s Centre for Quantum Topology and Its Applications (quanta), and Dr. Peter Phillips (PhD), founding director of USask’s Centre for the Study of Science and Innovation Policy at the Johnson Shoyama Graduate School of Public Policy, have written articles published in the prestigious Canadian Science Policy Magazine.

Rayan was invited to submit his article “A Quantum Canada for All” on how quantum technologies can help us understand the current COVID-19 pandemic and how the quantum revolution will change the world. Phillips co-authored an article titled “COVID, Confederation, and Innovation” which concludes that to have a strong post-COVID recovery, “we might need to change the political rhetoric about how we think about the confederation, working to engage rather than isolate the provincial and territorial governments.” Read the issue here.

USask historian publishes new book on eugenics, population control in Canada

USask historian Dr. Erika Dyck (PhD), Canada Research Chair in the History of Medicine, has co-authored a new book, Challenging Choices, with Brock University historian Dr. Maureen Lux (PhD) that details how reproductive politics in the 1970s were shaped by competing ideologies on global population control, poverty, personal autonomy, race, and gender.
The authors argue that while reproductive rights gains were made for some Canadians, the decade did not bring about an era of reproductive liberty but instead reinforced traditional power dynamics and paternalistic structures of authority. Read the details.

Celebrate diversity, embrace equity and cultivate inclusion

Writing in University Affairs, USask water researcher Dr. Saman Razavi (PhD) argues that “Diversity is easy to define and measure, and thus manage, but equity and inclusion are not and require much greater effort.” Razavi argues diversity must be accompanied by principles of inclusion, and indicates a possible route is to recognize examples of good conduct and bad conduct in day-to-day life and use them in the process of defining what inclusion and equity mean in various contexts. Read the op-ed.

Young Innovators

New USask research helps save threatened bison

Working at USask’s Livestock and Forage Centre of Excellence, veterinary medicine PhD student Miranda Zwiefelhofer has developed new protocols for in vitro fertilization in bison.

Supervised by Dr. Gregg Adams (PhD), Zwiefelhofer was the first to successfully use frozen-thawed embryos produced from immature eggs collected from live bison. Four bison have been successfully impregnated this season, with early results demonstrating Zwiefelhofer’s method is as successful as using fresh embryos.

In vitro fertilization from thawed, previously frozen embryos will aid conservation efforts across Canada and the United States by creating a genome biobank with embryos and semen that will help preserve the genetic diversity of the Plains Bison and Wood Bison. Read the details.
Picture this: These beautiful books help children read the world

Dr. Beverly Brenna (PhD), USask curriculum studies researcher

Brenna, who explored 500 picture books created by authors or illustrators living in Canada, suggests books that are extraordinary in both text and illustration.

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 submitting 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.

Opportunities

Science Meets Parliament—Deadline: Jan. 4, 2021

USask researchers who currently hold a Tier II Canada Research Chair (CRC) and Indigenous researchers are invited to apply to the Canadian Science Policy Centre’s Science Meets Parliament initiative, conducted in partnership with Canada's Chief Science Advisor Dr. Mona Nemer. The program of online training workshops and meetings offers researchers a unique opportunity to develop their understanding of the parliamentary process and explore their role in modern political decision-making.

Selected researchers will be invited to in-person events in Ottawa, either in the spring of 2021 or when deemed safe to do so, enabling researchers to experience a day behind the scenes on Parliament Hill, meet with Members of Parliament and Senators, attend House and Senate committee meetings, and discuss scientific research. For more info, visit CSPC’s website or contact: scientiemeetsparliament@sciencepolicy.ca
Enter NSERC’s Science Exposed Image Competition by Jan. 18

If you have eye-catching images from research projects from any scientific or engineering field, submit your photos to the Science Exposed competition by January 18, 2021.

Individuals or groups that have most successfully combined creativity and science will be eligible for a total of three $2,000 Jury Prizes and a $2,000 People’s Choice award. The contest is organized by the Natural Sciences and Engineering Research Council (NSERC) and Association francophone pour le savoir (Acfas).

Submit your image here.

Webinars and Lectures

Art and Science: Cold Regions Warming Exhibition—online Dec. 17, 11am-12pm

Attend a live Zoom event and virtual gallery opening of The Cold Regions Warming, an art-science exhibit in London, U.K. portraying climate change threats to the vast cold regions shared by Russia and Canada. The event is a collaboration among Russian artist Gennadiy Ivanov, Global Water Futures Director Dr. John Pomeroy (PhD), and University of East Anglia professor emeritus Trevor Davies. The live event will feature remarks from the Russian Ambassador to the U.K., Canada’s High Commissioner to the U.K., and the director of Russian Culture House U.K. Register here.

USask “People Around the World Conference”— Feb. 2-3 - Registration now open

The annual People Around the World Conference (PAW 2021) invites you to attend an online conference of professionals, academics, and researchers seeking to re-examine how to realize the U.N.’s 17 Sustainable Development Goals (SDGs) in the wake of COVID-19.

Keynote speakers include Columbia University economist Dr. Jeffrey Sachs, president of the U.N. Sustainable Development Solutions Network, Canada's Minister of International Development the Hon. Karina Gould, the Hon. Judge David Arnot, Executive Lead of International Education and Jurisdictional Initiatives in Saskatchewan's Ministry of Advanced Education Livia Castellanos, and Phil De Luna, program director of a $57-million collaborative research project on Canada-made clean energy technology at the National Research Council of Canada.

The conference theme is Global to local for the goal—Harnessing the power of
6th Annual Science & Society Conference—February 20-21, 2021

Registration is free for this online conference which is organized by the University of Toronto-founded Beyond Sciences Initiative, a not-for-profit network that aims to empower young scientific leaders to make lasting change within their local and global communities. The conference intended for a broad audience invites scholars worldwide to present research on topics of global health, infectious diseases, cancer, chronic diseases, biotechnology, and bioinformatics. Visit the website for more information.

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.

Open to faculty, 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

In the news

- USask research stories with the greatest media attention:
  - **Landmark study generates first genomic atlas for global wheat improvement**, seen by 259 million people and covered by 217 news outlets worldwide including Science Daily, Yahoo! Finance, Markets Insider, Western Producer, and The Saskatoon StarPhoenix
  - **USask partners on a made-in-Saskatchewan ventilator project**, seen by 138 million people and covered by 36 news outlets including MSN News, the Toronto Star, and the Saskatoon StarPhoenix
  - **Imminent surge in new COVID-19 cases in Saskatoon: USask wastewater data**, seen by 108 million people and covered by 27 news outlets including CBC News Network, the Toronto Star, and MSN Health
  - **Bleach-alternative COVID-19 surface disinfectants may pollute indoor air:**
USask research, seen by 27 million people and covered by 43 news outlets including Global News, CBC News Network, and Science Daily

- USask researchers lead national project to eliminate cervical cancer in Canada, seen by 11 million people and covered by 12 news outlets including Global News, The Battlefords News-Optimist, NationTalk, and CJWW

- VIDO-InterVac’s COVID-19 vaccine research has been featured in the National Post, CBC Power & Politics, Pamela Wallin’s podcast, CBC Radio Alberta @ Noon, CBC Regina Morning Edition, Global Morning Saskatoon, and CTV News

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