

spotlight on CAREERS

Science & Technology

Monday, October 19th - Friday, October 23rd

OCTOBER INFORMATION SHEET

The Saskatoon Industry Education Council is excited to announce our **Spotlight on Careers in Science & Technology**. Over the course of the week, we will host live events, share industry interviews and tours, and provide hands-on lab activities for students and teachers. Please share this information with both students interested in a career in **Science & Technology** and teachers wanting to integrate these educational resources into their classroom.

Gairdner Presentation - From Embryos to Stem Cells and Back Again: A Developmental Journey **Tuesday, October 20th (9:00 - 10:00 am)**

- Join a live presentation from Dr. Janet Rossant, world-renowned expert in developmental biology and Gairdner Foundation's President and Scientific Director.
- Widely known for her studies of the genes that control embryonic development in the mouse, Rossant has pioneered techniques for following cell fate and altering genes in embryos. Her current research focuses on stem cell development and cell differentiation in the developing embryo, essential areas for the study of birth defects and regenerative medicine.
- This live event will provide the opportunity for students, teachers, or classes to join in the conversation on Zoom.
- Participants can pre-register via the QR code on the poster or through our website.



Agriculture & Bioresources Career Panel **Wednesday, October 21st (6:30 - 7:30 pm)**

- This Career Panel will host representatives from the University of Saskatchewan's College of Agriculture and Bioresources, Saskatchewan Polytechnic's BioScience Technology, as well as a post-secondary student and an industry professional sharing their education and career journeys.
- This live event will provide the opportunity for students, teachers, and parents to join in the conversation on Zoom.
- Participants can pre-register via the QR code on the poster or through our website.



How do we develop vaccines for COVID-19? Live Q&A with Dr. Volker Gerdts **Thursday, October 22nd (10:00 - 11 am and/or 1:00 - 2:00 pm)**

- Join us live as we speak with Dr. Volker Gerdts, Director and CEO of the Vaccine and Infectious Disease Organization and International Vaccine Center (VIDO-InterVac).
- VIDO-InterVac is leading COVID-19 research as Canada's Centre for Pandemic Research, and Dr. Gerdts will share information about their current research and pursuit to create a vaccine.
- This live event will take place in the morning and again in the afternoon to provide the opportunity for students and teachers to join in the conversation on Zoom.
- Participants can pre-register via the QR code on the poster or through our website.
- The scientists from VIDO-InterVac have also created lab activities for teachers to use in their classrooms.



VIDO-InterVac
Vaccine and Infectious Disease Organization
International Vaccine Centre

Additional Resources Available on our Website

Hands-on Experiments

- Agriculture in the Classroom
 - Biotech Kits
 - DNA Extraction Kits
- VIDO-InterVac
 - Plasma DNA Extraction



Virtual Industry Interviews & Tours

- VIDO-InterVac
 - Facility Tour
 - Faculty Interviews
- AgWest Bio
 - Interviews: "Scientists Are People Too"
 - Local Company Profiles
 - Educational Resources
- Post-Secondary Videos



To access these resources, or to learn more about our career exploration virtual events, visit:
www.saskatooniec.ca/programs/spotlights

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