

RESEARCH INFRASTRUCTURE

Our Competitive Edge

- The University of Saskatchewan (U of S) offers the full range of health science colleges, all with intensive research programs and a teaching hospital.
- The U of S is home to the Vaccine and Infectious Disease Organization (VIDO), a world-class animal and human vaccine research centre. VIDO is renowned for the research, development and commercialization of products used by producers in the food animal industry. VIDO is credited with five “world firsts” in animal vaccine research and is expanding into human health applications.
- The Canadian Light Source in Saskatoon – Canada’s only synchrotron and one of the two most powerful in North America – is at the heart of the ongoing expansion of Saskatchewan’s scientific infrastructure to support discovery, innovation and ingenuity.
- The Saskatchewan Structural Sciences Centre (SSSC) is a multidisciplinary research centre that complements the Canadian Light Source and is operated by highly qualified researchers whose expertise includes synchrotron science, biophysical chemistry, magnetic resonance spectroscopy and laser technology.
- The University of Regina supports the vibrant growth of knowledge industries in Regina – the provincial capital – with the city having the fifth highest concentration of information technology professionals, as a percentage of labour force, in Canada.

Innovation and Opportunity

- Innovation Place Saskatoon, one of North America’s most advanced research parks, provides facilities and services on a commercial basis to pharmaceutical, environmental and agricultural industries.
- Innovation Place Regina is one of Canada’s newest R&D parks, with a focus on the natural resource and environmental sectors and information technologies.

The Investment Climate

- The Petroleum Technology Research Centre (PTRC), located at Innovation Place Regina, is a focal point of petroleum research to develop enhanced discovery and recovery methods to realize more production potential of oil and gas resources.
- The Greenhouse Gas Technology Centre, also at Innovation Place Regina, provides strength in climate change technology development by equipping and enabling leading-edge research on greenhouse gas emissions, capture and containment.



- The International Test Centre for CO₂ Capture is a one-of-a-kind facility that will spur the development of innovative carbon dioxide capture techniques to decrease the amount released into the atmosphere and pave the way for new CO₂ storage methods and industrial uses for the gas. The centre is developing innovative technical solutions to economically capture carbon dioxide from industrial gas streams and to store and use this gas for enhanced oil recovery (EOR).
- The National Research Council's Centre for Sustainable Infrastructure Research is striving to become a national centre for environmental infrastructure management, research and innovation. It will develop, demonstrate and commercialize technologies and management practices for sustainable communities. The City of Regina has become a "community environmental laboratory" to test and assess the applicability of existing, new and emerging technologies and applications to sustainable community development.
- Saskatchewan is Canada's agricultural genomics centre. Advanced genomics research is being carried out in a number of research organizations in Saskatoon.
- The Saskatchewan Research Council operates a state-of-the-art pilot fermentation facility, which is made commercially available to industry.
- The Plant Biotechnology Institute hosted by the National Research Council is a leader in the modification of canola, oilseeds, cereals and grain legumes. Current research includes work in platform technologies including genomics and proteomics.
- TRILabs, Canada's leading research consortium in information and communications technologies, conducts applied research in data networking, network access, network systems, photonics, wireless communications and new media at facilities at both Innovation Place Saskatoon and Regina.

Want to know more? Contact:

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