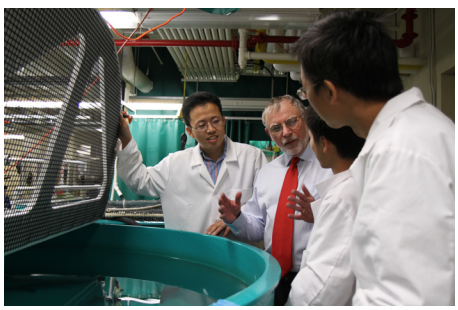
SIGNATURE AREAS OF RESEARCH:

Discovery with impact

Signature areas of research bring distinct recognition and help position the University of Saskatchewan among the most distinguished universities in Canada and among the very best in the world.

Identified through campus-wide consultation, these areas are based on achievements, enabled by research capacity, investments, history and sense of place. They are critical to advancing profile, attracting top faculty, students and research investment to make an impact on Saskatchewan, Canada and the world.



Aboriginal Peoples: Engagement and Scholarship

By 2050, half of Saskatchewan's population may be of Aboriginal ancestry, a demographic shift that creates challenge and opportunity. Our shared journey will help advance Indigenous and non-Indigenous ways of knowing and prepare a new generation of Aboriginal youth for the global knowledge economy.

Agriculture: Food and Bioproducts for a Sustainable Future

Projections show that food production must double by 2050 to feed the world's growing population. We are working to strengthen Saskatchewan's agricultural leadership with new science, technology and policies to help feed a hungry world adequately, safely and sustainably.

Energy and Mineral Resources: Technology and Public Policy for a Sustainable Environment

Demand for energy and natural resources is starting to outpace supply. Clean energy solutions, sustainable resource development and sound policy development are vital to meet future demand while conserving ecosystems and sharing the benefits with all.

One Health: Solutions at the Animal-Human Environment Interface

Health for all species is inextricably linked to challenges such as emerging diseases, water and food safety, and environmental degradation. We are working to develop scientific, public health and policy approaches that integrate human, animal and ecosystem health.

Synchrotron Sciences: Innovation in Health, Environment and Advanced Technologies

With Canada's only synchrotron and the largest number of synchrotron users of any university in Canada, we are harnessing powerful imaging and analytical techniques to solve challenges in health, environment, materials science and other areas of global social and economic importance.

Water Security: Stewardship of the World's Freshwater Resources

One in six people—1.4 billion—live in water-stressed areas. Climate change, pollution and overuse are putting severe strain on quality and quantity of fresh water for drinking, sanitation and food production. We are developing new interdisciplinary science, technology and policy to address these urgent issues.

usask.ca/vpresearch/signatureareas

Adventurous
Ingenious
Ambitious
Prestigious
Studious
Curious

University of Saskatchewan