



UNIVERSITY OF
SASKATCHEWAN

WGRF Research Chair in Integrated Agronomy

Applications are invited from qualified individuals for a full-time tenure-track position at the Assistant or Associate Professor level with the Department of Plant and/or Soil Science. This is an externally-funded research chair, supported by Western Grains Research Foundation (WGRF). It is anticipated to be a joint appointment in the interdisciplinary area of agronomy and cropping systems, with the primary academic home to be determined during the interview process. Agronomy by definition is an integrative discipline that has traditionally involved researchers from multiple areas including crop management, weed science, plant pathology, entomology, soil fertility, crop physiology, engineering, and agricultural economics. The successful candidate will be expected to establish a rigorous, independent, externally-funded, field-based research program that involves applied research of direct interest to the crop industry and specifically to producers, as well as basic research that is eligible for Government of Canada Tri-Council funding. Ideally, the program will leverage diverse agronomic research approaches into innovations that will ultimately see application in crop production in western Canada and beyond. The successful candidate will also be expected to develop a network of expertise that will provide new opportunities for scientists with complementary specializations (from both within and outside the College of AgBio) to collaborate on field-based agronomy research. For example, field-based agronomy experiments could be used to simultaneously evaluate the effects of cropping systems on multiple factors, such as soil quality, plant pathogens, and pest pressure.

The successful candidate will also teach undergraduate courses (classroom and field-based) in agronomy, develop a graduate course in his or her area of expertise, supervise M.Sc. and Ph.D. students, and perform outreach.

The College of Agriculture and Bioresources is an international leader in applied research and scholarship with expertise and integration across four primary themes: Food, Feed and Bioproducts; Environment and Ecology; Business and Applied Economics; and Plants and Animals. The college has a century-long reputation for teaching, research and outreach and has been a consistent strength for the university. The college has played a pivotal role in the development of the agriculture and food industries in Saskatchewan, and continues to build on a legacy of public engagement and cooperative partnerships. Our faculty is committed to providing an exceptional learning experience and preparing graduates for leadership in the bio-economy.

To support their research activities, faculty within the College of Agriculture and Bioresources have access to more than 1000 hectares of native fescue and mixed-grass prairie, a field-crop land-base of 1200 hectares for crop and forage research, 1100 square metres of modern greenhouse space on campus, along with field laboratories, a full fleet of plot equipment, analytical equipment, Canada's largest controlled-environment phytotron, the Canadian Light Source (Canada's only synchrotron) and the newly created Livestock and Forage Centre of Excellence.

The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. The University of Saskatchewan is located in Saskatoon, Saskatchewan, a city with a diverse and thriving economic base, a vibrant arts community and a full range of leisure opportunities. The University has a reputation for excellence in teaching, research and scholarly activities and offers a full range of

undergraduate, graduate, and professional programs to a student population of over 24,000. Saskatoon also has a vibrant research community in crop-based research with the University of Saskatchewan being home to Agriculture and Agri-food Canada's Saskatoon Research and Development Centre, The National Research Council's Plant Biotechnology Institute and the Global Institute for Food Security.

Saskatchewan has Canada's largest area of arable land (16 million ha) and is within the Northern Great Plains of North America. There is a history of innovations in agronomy and cropping systems in Saskatchewan that has resulted with the majority of land being farmed with no-till cropping systems. Saskatchewan has a temperate climate which allows production of a diverse array of annual crops including cereals (wheat, barley, oat), oilseeds (canola, flax) and pulses (lentil, field pea, chickpea) along with several minor crops. Many of these crops have breeding programs at the University of Saskatchewan within the Crop Development Centre.

Qualifications

This position requires a Ph.D. in agronomy, soil science, plant science or a related discipline and demonstrated ability and interest in cropping systems research. Experience with investigating cropping systems that are resilient to biotic and abiotic stresses and that optimize soil resource and input use is preferred. Relevant post-doctoral experience in cross-commodity research, conventional and/or alternative agroecosystems, and landscape-scale studies is an asset, as is demonstrated experience in outreach and engagement with growers and industry. Candidates should be eligible for membership in the Saskatchewan Institute of Agrologists. Excellent communication and interpersonal skills and an ability to establish effective working relationships are essential. The University of Saskatchewan values diversity and experience in teaching and in creating positive working relationships with Indigenous and culturally diverse students, staff and faculty.

Salary bands for this position are as follows:

Assistant Professor: \$93,293 to \$112,109; Associate Professor: \$112,109 to \$130,925.

This position includes a comprehensive benefits package which includes a dental, health and extended vision care plan; pension plan, life insurance (compulsory and voluntary), academic long term disability, sick leave, travel insurance, death benefits, an employee assistance program, a professional expense allowance, and a flexible health and wellness spending program.

Interested candidates must submit, via email, a cover letter; detailed curriculum vitae; and any supporting documents to:

Angela Bedard-Haughn, Associate Dean (Research and Graduate Studies)
College of Agriculture and Bioresources, 51 Campus Drive, University of Saskatchewan
Saskatoon, SK S7N 5A8
Telephone: (306) 966-4291
Email: angela.bedard-haughn@usask.ca

Review of applications will begin April 15, 2019; however, applications will be accepted and evaluated until the position is filled. The anticipated start date is January 1, 2020.

The University of Saskatchewan is strongly committed to a diverse and inclusive workplace that empowers all employees to reach their full potential. All members of the university community share a responsibility for developing and maintaining an environment in which differences are valued and inclusiveness is practiced. The university welcomes applications from those who will contribute to the diversity of our community. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.