Dean, Faculty of Agricultural and Food Sciences
The University of Manitoba Mission: To create, preserve, communicate and apply knowledge, contributing to the cultural, social and economic well-being of the people of Manitoba, Canada and the world.

The University of Manitoba – the province’s largest university and one of Canada’s U15 research intensive universities – is a uniquely comprehensive medical/doctoral institution serving over 29,000 students in 17 Faculties and Schools and employing more than 5,300 academic staff and 3,900 support staff. Over $1.8 billion in annual economic activity in the province is attributable to the University of Manitoba, making it one of the most important contributors to the province’s prosperity.

The University of Manitoba is home to 38 research centres and institutes, and 43 Canada Research Chairs. These research centres, institutes and shared facilities promote the exchange of ideas and provide collaborative environments that stimulate multidisciplinary research and development. They also afford novel training opportunities for students and are a valuable resource for the community at large.

Furthermore, the University has four distinct but closely aligned campuses: the Fort Garry Campus, a 274-hectare complex on the Red River in south Winnipeg; the Bannatyne Campus in central Winnipeg, adjacent to the Health Sciences Centre; the William Norrie Centre, the University of Manitoba’s inner-city campus; and a satellite campus in Thompson, Manitoba. The University also has three colleges – St. Andrew’s College (Ukrainian Orthodox), St. John’s College (Anglican), and St. Paul’s College (Roman Catholic) – that provide students, staff and faculty with a “community within a community.” Collège universitaire de Saint-Boniface, where the language of instruction is French, is also affiliated with the University of Manitoba.

To learn more about the University of Manitoba, please visit: wwwumanitoba.ca.
The directions established in the 2015-2020 University of Manitoba Strategic plan guide the institution towards its place in the future. Through consultation and the strategic priorities established, the University of Manitoba has identified the following objectives:

• The University of Manitoba will be nationally and internationally recognized for its teaching, research and creative excellence, sought after by students and faculty alike as their preferred site for study.
• The University of Manitoba will be a student-focused research university from the time of recruitment: a life-long academic home where students contribute to a diversity of ideas and experiences.
• The University of Manitoba will work with a variety of partners to make Winnipeg the national centre of excellence in Indigenous education, and in particular to allow Indigenous students to be prepared for and to achieve educational success in the full range of academic programs we provide.
• The University of Manitoba will be an employer of first choice, offering and expecting respect for all staff and faculty, providing opportunities for leadership, growth and development, and recognizing the contributions made at all levels of the organization.

Strategic Priorities: Taking our Place
The Faculty:
The Faculty of Agricultural and Food Sciences

To nourish the World, without costing the Earth.
- Vision

To develop people, ideas, knowledge and practices to support the provision of food, bio- resources and services that are healthy and sustainable for society, the environment and the agri-food sector.
- Mission

History
Established in 1906, the Manitoba Agricultural College conferred its first agricultural diploma in 1908, and in 1924 it became the University of Manitoba’s Faculty of Agriculture and Home Economics. In 1970, the Faculties of Agriculture and Home Economics separated and in 1991 the Faculty of Agriculture became the Faculty of Agricultural and Food Sciences. In 2017, the department of Human Nutritional Sciences has joined the Faculty.

Today
The Faculty of Agricultural and Food Sciences is a leader in the agri-food industry in Manitoba. The economic impacts of the Faculty’s research and alumni are felt provincially and beyond, and its standard of excellence in research is demonstrated by attracting more than $19M annually of funded research. This represents 12% of the University of Manitoba’s sponsored research revenue annually. High-caliber programs and specialized training are delivered each year by a team of more than 90 academics to over 1,200 students representing the next generation of leaders in agriculture, food and nutrition. The Faculty’s footprint is spanned across several facilities on and off campus offering both complexity and opportunities for research excellence and experiential learning opportunities. The Faculty continues to embrace the rapid innovation and opportunities the sector represents (i.e., renewable and sustainable food production; precision agriculture; robotics; food to health continuum, etc.). Through strategic partnerships with industry, the Province of Manitoba, and the Government of Canada, the Faculty of Agricultural and Food Sciences is exceptionally positioned to meet the agrifood industries growing demands.

The standard of excellence the Faculty has attained in its teaching and research programs is recognized across Canada and around the world. Within the 13 faculties that comprise the Association of Canadian Faculties of Agriculture and Veterinary Medicine, the Faculty of Agricultural and Food Sciences at the University of Manitoba is the 4th strongest scientific performer in the country (evaluated by the number of papers, ARC, ARIF, SI and papers in top most cited publications ).
Students have the choice of a variety of programs at all levels of tertiary education. These include:

**Diploma Program**
- Diploma in Agriculture: practical, hands-on education in business management, crop management, livestock management or general agriculture

**Bachelor Programs**
- **B.Sc. (Agribusiness):** the study of the business and economics of food, with a focus on agribusiness, agricultural economics, or international agribusiness
- **B.Sc. (Agriculture):** has three areas of specialization:
  - Animal Systems: the study of animal production including genetics, anatomy, physiology, nutrition, health and reproduction
  - Agronomy: the study of crop production, soil management and water resources
  - Plant Biotechnology: an education in the sciences and advanced biotechnologies applied to the improvement, protection and uses of agricultural and horticultural crops
- **B.Sc. (Agroecology):** the study of managed ecosystems and how we can achieve economically and environmentally sustainable agricultural production
- **B.Sc. (Food Science):** explores how raw commodities are processed into healthy, safe and appealing foods, with a focus on either business or science
- **B.Sc. (Human Nutritional Sciences):** promoting human health through food, nutrition and healthy eating for individuals and communities
The Faculty (cont.):
The Faculty of Agricultural and Food Sciences

**Graduate Programs**
- Masters and Ph.D. programs in all eight departments (Ph.D., Agricultural Economics offered through Department of Economics)

In addition to the above, the Faculty offers Pre-Veterinary Studies for Manitoba students as well as co-operative education and specialized training/short course options. It has also established partnerships with universities in France, Sweden, and Germany to offer study exchanges and internships abroad.

**Facts and Figures (2017)**

- **Faculty:** 94 academic staff members
- **Staff:** 72 full-time staff members
- **Students:** 1,237 students
  - Diploma: 162 students
  - Undergraduates: 792 students
  - Graduate: 283 students
- **Operating Funds:** $17.3 million
- **Research Funds:** $19 million

**Departments and Schools:**
- Agribusiness and Agricultural Economics
- Animal Science
- Biosystems Engineering
- Entomology
- Food and Human Nutritional Sciences
- Plant Science
- Soil Science
- School of Agriculture

To learn more about the Faculty of Agricultural and Food Sciences, please visit: [www.umanitoba.ca/faculties/afs/](http://www.umanitoba.ca/faculties/afs/)
Innovation in the Faculty of Agricultural and Food Sciences

The Faculty of Agricultural and Food Sciences is at the forefront of innovation in a number of sectors spanning precision agriculture, food security and integrated healthy food production and consumption systems. Research initiatives are supported with state-of-the-art facilities both on and off campus, in connection with four Research Centres and through partnerships with government and industry.

This innovation includes:

Protein Industries Supercluster
Based in the Prairies, the $700M Protein Industries Supercluster will use plant genomics and novel processing technology to increase the value of key Canadian crops, such as canola, wheat and pulses. The federal government has committed approximately $150 million to this industry initiative. These crops are in high demand in foreign markets, such as China and India, as well as needed to satisfy growing markets in North America and Europe for plant-based proteins and new food products. Building on Canada’s worldwide reputation as a leader in agricultural production, this supercluster will make Canada a leading source for plant proteins and, ultimately, feed the world.

Agri-food enabling technologies, including genomics, processing, and information technology (IT) embedded in this supercluster will have an estimated economic impact over 10 years of more than 4.5 billion dollars creating more than 4,500 jobs.

Collaborative Research (NSERC)
The Faculty of Agricultural and Food Sciences currently has one of the largest collaborative research and development programs funded by the Natural Sciences and Engineering Research Council of Canada which focuses on the enhancement of protein quality through innovative plan breeding. Plant breeding has been a long-standing theme of research excellence at the University of Manitoba.
Bell MTS Innovations in Agriculture Program
In 2017, the University of Manitoba saw the launch of a visionary new initiative: the Bell MTS Innovations in Agriculture Program. This program provides students at post-secondary institutions with opportunities to develop the Internet of Things (IoT) technologies for application in agriculture and food services (IoT) applications enable access to real-time operational data of all kinds and can help improve the production of food resources through managing the location and performance of farm machinery, remote analysis of soil samples, field conditions, seeding rate and crop health, and monitoring of storage and processing operations.

The Manitoba Personalized Lifestyle Research Program
The Manitoba Personalized Lifestyle Research (TMPLR) team aspires to reduce the prevalence and severity of chronic disease in Manitoba by developing personalized diet, physical activity and sleep recommendations for Manitobans. The program looks at a cross-sectional snapshot of Manitobans in terms of what they eat, their levels of exercise and fitness, their sleeping patterns, all in conjunction with their probiotic micro-biome. By evaluating this cross-section, the TMPLR can help determine an individual’s risk of developing high cholesterol, heart disease, cancer, and arthritis.

This is a project is led by the Research Centre for Functional Foods and Nutraceuticals and is a collaboration between with the Faculty of Agricultural and Food Sciences and the Rady Faculty of Health Sciences. It offers students the opportunity to engage in the growing scope of nutraceutical research through what he dubbed the “triple-D approach” – discussion, discovery, and development.
Schools and Centres

School of Agriculture
The School of Agriculture coordinates the Diploma in Agriculture program and offers a variety of certificate, non-credit, and professional development programs for the agri-food industry on behalf of the Faculty of Agricultural and Food Sciences. Website: www.umanitoba.ca/afs/school/

Richardson Centre for Functional Foods and Nutraceuticals
The mission of the Richardson Centre for Functional Foods and Nutraceuticals (RCFFN) is to lead functional food and nutraceutical research for the improvement of health and nutrition, to support the development of an economically viable functional food industry in Manitoba and Western Canada. Opened in 2006, the Centre attracted immediate acclaim as one of the most advanced bioprocessing and product development facilities in Canada and around the world. Website: www.umanitoba.ca/centres/rcffn/index.html

Canadian Wheat Board Centre for Grain Storage Research
The Canadian Wheat Board Centre for Grain Storage Research at the University of Manitoba is a recently constructed and uniquely equipped facility for the purpose of doing research into all aspects of grain storing, drying, handling and quality monitoring under one roof. For more than 40 years, an interdisciplinary group of researchers from the University of Manitoba, Agriculture and Agri-Food Canada, and the Cereal Research Centre has been studying various aspects of grain storage. They were the first in the world to develop a collaborative research program that integrates the principles of engineering, biology, and chemistry to solve stored-grain ecosystem problems, and is the only such group in Canada. They now have a home for their research in the new 1,340 square metre, state-of-the-art Centre. Website: www.umanitoba.ca/faculties/afs/pdf/cwbccentre.pdf
Schools and Centres (cont.)

Glenlea Research Station
The station provides the Faculty of Agricultural and Food Sciences with facilities and services necessary for its teaching, research and outreach programs and is the site for major infrastructure associated with the National Center for Livestock and the Environment (NCLE), and the Bruce D. Campbell Farm and Food Discovery Centre. There are approximately 500 hectares of land partitioned into three main areas by Highway 75 and the railway line. East of Highway 75 are the livestock facilities, dairy pastures and plot areas for Plant Science, Soil Science and Entomology. West of Highway 75 is an area of approximately 400 hectares which is divided into 14 fields, including plot lands for the Long Term Manure & Crop Management Field Laboratory, the Trace Gas Manitoba (TGAS MAN) Greenhouse Gas Field Emission Site and the Glenlea Long Term Crop Rotation Study.

http://umanitoba.ca/faculties/afs/dept/animal_science/facilities/Glenlea%20Research%20Station%20Unit.html

Ian N. Morrison Research Farm, Carman and Region Facility
This 406 acre facility in Carmen, Manitoba is located 70 kms southwest of Winnipeg and is operated by the Department of Plant Science. In addition to the landbase and equipment storage facilities, there is a building with wet lab, seed lab and cleaning equipment, computer facilities, and classrooms for teaching and extension programs. A full line of small plot field research equipment is available at the site. Manitoba Agriculture and Food’s “Soils and Crops Branch” is located in Carman. This provides an excellent opportunity for U of M faculty and provincial extension specialists to work together.
Schools and Centres (cont.)

National Centre for Livestock and the Environment
The National Centre for Livestock and the Environment (NCLE) is a University of Manitoba based research community that engages in multi-disciplinary, multi-agency research partnerships to further the long term economic and environmental sustainability of integrated livestock and crop production systems. NCLE supports the quality and capacity for world-class research, drawing on the expertise of the diverse NCLE research team combined with state-of-the-art facilities, equipment and multiple research locations.
Website: www.umanitoba.ca/afs/ncle/index.html

The Bruce D. Campbell Farm and Food Discovery Centre
The Bruce D. Campbell Farm and Food Discovery Centre is the first hands-on facility which will explore the ways in which food is made in Canada. The Centre is located at the National Centre for Livestock and the Environment, at the University of Manitoba’s Glenlea Research Station. Visitors learn about every aspect of food production from farming practices to retail sales. Exciting and interactive exhibits lead visitors from the farmer’s wheat field to the kitchen table.
Website: www.umanitoba.ca/faculties/afs/discovery_centre/index.html

William R Newman Library
The William R. Newman Library focuses on supporting the teaching and research needs of the Faculty of Agricultural and Food Sciences. The library offers a full range of library services including access to all University of Manitoba Libraries’ collections.
Website: www.libguides.lib.umanitoba.ca/agriculture
The Opportunity:
Dean, Faculty of Agriculture and Food Sciences

Agriculture plays a key role in Manitoba’s economy. Agricultural production represents an estimated 5 per cent of Manitoba’s gross domestic product (GDP) and the sector accounts for an estimated 33,000 jobs in the province.

The University of Manitoba invites expressions of interest, nominations and applications for the position of Dean, Faculty of Agricultural and Food Sciences. The appointment will be for a five year term, effective January 1, 2019 or as soon thereafter.

Reporting to the Provost and Vice President (Academic), the Dean of the Faculty of Agricultural and Food Sciences is a member of the University’s senior leadership team and the academic and administrative leader of the Faculty. With more than 175 full-time staff members and an annual budget of approximately $17.3 million and approximate $19 million in research funds, the Dean will lead, plan and manage the development of the Faculty’s programs, services, budgets, and infrastructures. The agricultural and food science industry are poised to be a key sector for growth in Manitoba, Canada and beyond, and the Dean is well positioned to seize these opportunities and in turn, support of the Faculty’s and University’s academic mission. The Dean will inspire and support faculty, staff and students to build a community and a culture of collegiality and openness.

The successful candidate will be fundamental in shaping the vision and leading the evolution of the Faculty into the next generation. In doing so, they will work collaboratively to develop and strengthen partnerships with internal (senior leadership, Deans/Directors, administrative leaders, etc.) and external (government and industry)
The Opportunity (cont.):
Dean, Faculty of Agriculture and Food Sciences

stakeholders. They will appreciate the tremendous diversity offered by the faculty’s disciplines in the areas of animal science, plant science, entomology, food and human nutritional sciences, soil science, agribusiness and agricultural economics, and biosystems engineering, and explore the integration of other interdisciplinary opportunities that foster innovation and excellence in the production and processing of food. Importantly, the Dean will possess the ability to lead and manage change in a collaborative manner, while inspiring, guiding and supporting the Faculty in continuing to generate high-impact research and results. The Dean will be a globally-minded leader that is deeply committed to the student experience and is a strong advocate for Faculty and for the University. As the University moves towards a more decentralized faculty budget model, the Dean will be provided with the flexibility to generate revenue and balance financial responsibilities of existing programs and services. A strategic, considerate and informed decision making approach combined with an innovative perspective will allow the Dean to lead the Faculty of Agricultural and Food Sciences into the future.

Essential Qualifications

The successful candidate will hold a Ph.D. in a relevant discipline and have an outstanding record of scholarly achievement consistent with a tenured appointment at the rank of Associate Professor or Professor. They will provide visionary and innovative leadership, encourage collegiality and collaboration, possess strong academic administrative leadership skills, have the ability to promote and support research and teaching excellence, and be able to strategically manage resources and promote outreach through engagement with external stakeholders.

The Search Committee recognizes that no one candidate for this position is likely to meet all of the following qualifications in equal measure. Nevertheless, the following criteria are desirable and will be used in the assessment of candidates for the position:

• Possess the ability to provide visionary, innovative, and inspirational guidance to a diverse set of faculty, staff and students;
• Ability to further situate a Faculty that is locally, nationally, and internationally recognized as a ‘leader’ in agriculture and food sciences education and research;
• Appreciate the changing environment both within the University, the Faculty and in the agriculture and food industries. With this, candidates will possess the ability to harness new opportunities both within the University and outside of the University, to lead and manage change, and to develop and strengthen industry and government partnerships that support the Faculty’s and University’s respective mission, vision and priorities;
Experience and skills necessary to administer a complex faculty. A strong collaborative and transparent approach to developing common goals and appreciating the major issues and challenges facing a diverse faculty.

Capacity to foster a collaborative approach to research excellence that is strategic, sustainable, relevant, impactful and disseminated to the public, government, industry and business leaders;

Ability to strategically manage the Faculty’s expansive and distributed research infrastructure by capitalizing on existing structures and optimizing collaborative or new opportunities;

Ability to lead with a multidisciplinary perspective and build on opportunities;

Ability to oversee budget planning, development and management, including the ability to be creative, solution-oriented and decisive;

A willingness and capacity to seek out, attract and steward resources that further the advancement of the Faculty through the development and nurturing of philanthropic partnerships, including private donors, agencies, government, private industry, etc. The dean will serve as a steward of gifts received;

Committed to create an exceptional student experience at the diploma, undergraduate and graduate levels through curriculum reviews, innovative program design and delivery, enrolment management strategies, experiential education opportunities, co-op programs and internships, and student service supports.

An appreciation for the University’s commitment to Indigenous engagement and achievement;

A successful track record creating and leading highly engaged teams, recruiting and retaining the best and the brightest, identifying and mentoring talent, and addressing issues fairly, respectfully, directly and with responsiveness;

The capacity to listen and make sound, fair and sometimes difficult decisions, combined with the ability to openly communicate and firmly implement these decisions;
The Opportunity (cont.):
Dean, Faculty of Agriculture and Food Sciences

• Strong communication skills in listening, speaking and writing, and the ability to engage successfully with multiple constituencies and stakeholders to promote and enhance the Faculty’s priorities;
• Ability to work collaboratively with other Deans/Directors and administrative leaders to lead change, create opportunities and to facilitate the advancement of the Faculty and the University;
• A commitment to collegiality and collegial governance;
• A confident leader able to inspire and develop innovative solutions to complex problems through an analytical, collaborative, transparent and inclusive approach, and;
• A collaborator with new ideas, energy and public savvy who can build bridges and develop good relationships and strong partnerships, both across the Faculty and with other areas of the University and beyond.

Application Requirements
Applications and nominations, including a curriculum vitae, a cover letter and three (3) letters of reference should be sent as PDF files to brock@leadersinternational.com. Review of applications will begin in April, 2018, but applications will be accepted until the position is filled. Nominations are also welcome.

University Policy
The University of Manitoba is strongly committed to equity and diversity within its community and especially welcomes applications from women, racialized persons/persons of colour, Indigenous peoples, persons with disabilities, persons of all sexual orientations and genders, and others who may contribute to the further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

Application materials, including letters of reference, will be handled in accordance with the protection of privacy provision of The Freedom of Information and Protection of Privacy (Manitoba). Please note that curriculum vitae may be provided to participating members of the search process.
The City and the Province
Winnipeg, Manitoba

Located at the geographic centre of North America, Manitoba’s population is over 1.2 million people, making it the fifth-largest province in Canada. Manitoba’s principle industries are agriculture, manufacturing, and mining. Traditionally farming has been a major occupation for Manitobans, and the rich farmlands in southern Manitoba produce wheat, barley, oats, sunflower, flax and canola crops, as well as dairy and livestock farms. From this base a considerable agri-food industry has emerged.

Winnipeg is Manitoba’s capital city with a population of over 750,000. It is a welcoming gateway and a centre of commerce, trade, arts and culture, with a rich history and growing economic opportunity. Winnipeg has one of the country’s most diversified economies, with major employment in the trade, manufacturing, educational, agricultural, health care and social services sectors.

The cityscape of Winnipeg is magnificent. Downtown Winnipeg’s Exchange District is named after the area’s original grain exchange, which operated from 1881 to 1918. A National Historic Site with a direct link to Manitoba’s agricultural roots, the Exchange District features North America’s largest and best preserved collection of heritage buildings. Encompassing some 20-city blocks in downtown Winnipeg, today this neighbourhood thrives as an entertainment precinct, and is a popular period backdrop for the movie industry.

Winnipeg is one of Canada’s cultural capitals and the heart of Winnipeg is The Forks. Another downtown historic site, it can be found at the intersection of the Red and Assiniboine rivers, with warehouses converted to shops and restaurants, plus ample green space dedicated to festivals, concerts and exhibits. The NHL Winnipeg Jets and
The City and the Province (cont.)

Winnipeg, Manitoba

the CFL Winnipeg Blue Bombers will keep sports fans entertained and there is a strong performing arts scene: the city is home to the Winnipeg Symphony Orchestra, Canada’s Royal Winnipeg Ballet, and the Manitoba Opera.

There are a number of events annually in Winnipeg that makes the city buzz. In the summers, Winnipeg hosts Folklarama, the largest and longest-running cultural festival in the world. In the winters, the neighbourhood of Saint Boniface hosts Festival du Voyageur, for “Winnipeggers” to discover the history of the voyageur era and the vitality of French language and culture in Manitoba. Winnipeg is proud to be such a diverse city. It’s home to one of the largest and fastest growing Indigenous populations in Canada. The province is located in the traditional territories of the Cree, Dakota, Dene, Ojibway, and Oji-Cree First Nations, as well as the Métis nation.

For more information on the Province of Manitoba, please visit:
https://www.govmb.ca/ie/manitoba/about_mb.html

For more information on the City of Winnipeg, please visit:
https://www.economicdevelopmentwinnipeg.com/choose-winnipeg/live-here/lifestyle