



2021 ANNUAL REPORT



Canadian Foundation for Food and Agricultural Education

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CFFAE.CA



Canadian Foundation for Food and Agricultural Education

2021 Annual Report

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President's Message



This has been another challenging year for the country as we all continued to get work done while dealing with COVID-19 and with catastrophic weather, which affected agriculture in many areas of the country. Despite the challenges, CFFAE continues to fulfill its mission.

Our financial position remains strong, and our scholarships supported students at agricultural colleges and universities across the country. In 2021, we awarded 4 scholarships worth \$33,500 to the exceptional students who are profiled in the following pages. We also sponsored female students to attend the Women in Agriculture Conference through our student sponsorship fund.

Our programs are made possible through the generous legacy donations of Dr. Ivarson, and through individual donations. We gratefully acknowledge the financial support of all individual and corporate donors whose generosity provides vital assistance to our programs and operations.

The loss of funding for the McRorie scholarship, as the Royal Bank of Canada (RBC) changed their funding strategies, prompted the Board to undertake a strategic review. This includes reviewing our legal responsibilities as trustees of the donations from Dr. Karl Ivarson and an examination of the needs of Agriculture students across the country. This process will continue in 2022.

President's Message Continued...

The review process has been enabled by our Manager, Susan, our Treasurer, Patti Proulx, and all of our Board Members. Thanks go to Susan and Patti for all their hard work. Susan joined the CFFAE at the end of 2020, and has done an amazing job co-ordinating the scholarship process and organizing the work involved in the strategic review. Patti continues to do an excellent job as our treasurer and had been a great help in providing the financial details needed for the review.

Michelle Arcand and Clara Qualizza joined our Board this year and both have been a great asset to the organization. All of the Board members have brought insight and energy to the review process, and I thank them for their continued support and dedication to CFFAE.

Ginelle Pidwerbesky will be leaving the Board this year. Ginelle joined the Board in 2018 and we thank her for her valued contribution to the CFFAE. I also want to acknowledge the dedication of Diane Duplessis who chairs our Education and Scholarship Committee. This committee, manages the scholarship selection process and is the heart of our Foundation.





Mission and Purpose

CFFAE's Mission is to inspire knowledge and understanding of the importance of sustainable agriculture to society

CFFAE's Purpose is to:

- advance education by developing and supporting education programs in the agricultural sciences for Canada's agricultural community and the general public;
- advance education by developing and supporting scholarship programs to foster continued interest in the study of agricultural sciences by university students;
- promote excellence and efficiency in the Canadian agriculture and food sectors by supporting research on matters of importance to the agricultural community and the general public.



Board of Directors 2021

President: Mary Leggett, BSc, PhD, Saskatchewan



Vice President: Bill Hardy, British Columbia

Directors:

Greg J. Boland, BSc, MSc, PhD, Ontario

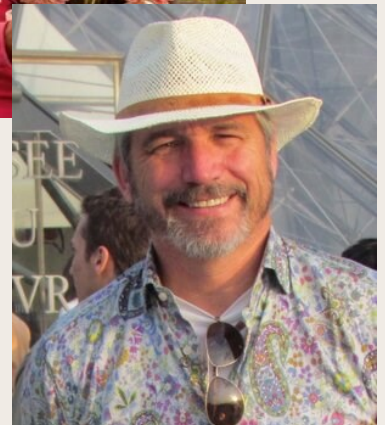
Iris Meck, BSc, Alberta

Clara Qualizza M.Sc. P.Ag, Alberta

Melissa Arcand B.Sc., M.Sc. Ph.D., Saskatchewan

Ginelle Pidwerbesky, BComm, Saskatchewan

David Burton, Ph.D., P.Ag. Nova Scotia



Dr. Karl C Ivarson Agricultural Scholarship



In establishing this award, Dr. Ivarson wished to support students from his home province of Alberta in their pursuit of studies in agricultural sciences.

Kristina Polziehn, University of Alberta, PhD Recipient



Kristina is currently pursuing a Ph.D. at the University of Alberta, where she is interested in using the Agricultural Production Systems sIMulator (APSIM) modelling platform to simulate Western Canadian canola yields. Her objectives are to use the model to simulate and evaluate the impact extreme weather and agronomic practices can have on Western Canadian canola yields and use the model to evaluate regional scale yield differences. Kristina has also completed a Bachelor of Secondary Education, Bachelor of Science in Agriculture and Master

Warren McAuley, University of Saskatchewan, MSc Recipient



Warren is enrolled in his Master of Science, majoring in Soil Science, at the University of Saskatchewan. His research is assessing if there are any changes to soil health factors between monocrops and intercrops, and whether faba beans can be successfully integrated into an intercrop. Originally from Vermilion, Alberta, Warren has also attended school at Lakeland College as well as the University of Lethbridge. His interest in agriculture started young, as he grew up in an agricultural community, and worked for a family farm in the summers of

his first undergraduate degree.



Dr. Karl C Ivarson Soil Science Scholarship

Dr. Ivarson created this scholarship to provide financial support to a student entering second or subsequent year of graduate studies in soil science

MEAGHAN MECHLER, University of Guelph, 2021 Recipient

Ms. Mechler is University of Guelph PhD student studying plant agriculture whose research aims to provide effective and replicable treatments for Ontario apple growers facing a costly soil born disease, Apple Replant Disease (ARD). ARD is complex and poorly understood and has become a growing concern for growers with higher density orchard plantings.



She is investigating the effectiveness of promising biocontrol treatments, which have additional potential benefits such as enhancing soil health and improving orchard resilience. Her objective is to reduce long-term ARD outbreaks in Ontario orchards by improving soil ecology and developing disease suppressive soils. It is hypothesized that introducing beneficial microbial species or supporting them with select rootstocks will reduce ARD and promote soil health.

Douglas McRorie Memorial Scholarship



This scholarship honours agri-finance leader, Douglas McRorie, PAg, FAIC and is made available through the support of the RBC Foundation majoring in agricultural business, economics, finance or trade.

Michelle Ross, University of Saskatchewan, 2021 Recipient

Ms. Ross grew up near Grenfell, Saskatchewan on a family grain and dairy farm, completed her undergraduate degree in agronomy, and is now a master's student in agricultural economics at the University of Saskatchewan. In addition to the McRorie scholarship, she has received numerous recognition awards including the Western Grains Research Foundation Graduate Scholarship 2020 (awarded based on academic achievement) and the Saskatchewan Institute of Agrologists Gold Medal 2018 (awarded as the top degree graduate in the College of Agriculture and Bioresources).



Her graduate research focus is on agricultural issues surrounding climate change and global food security. Her master's thesis studies how the Canadian carbon tax on nitrogen fertilizer will impact agricultural production and global greenhouse gas emissions. The objective is to uncover the true costs of the Canadian carbon tax by estimating the impacts on nitrogen fertilizer use, crop yields and global greenhouse gas emissions. Ms. Ross also works as an Agronomy Research Associate at the Indian Head Agricultural Research Foundation (IHARF) assisting in agronomic with the objective of finding eco-

CFFAE gratefully acknowledges the financial support of our individual and corporate donors.

Your donations provide vital assistance to our scholarship programs and operations and help ensure a strong future for Canadian agriculture.

The Canadian Foundation for Food and Agricultural Education is a registered charitable organization and all donations are tax creditable.

(Federal registration number 12193 4947 RR0001).

To donate or learn more, visit CFFAE.ca





Honorary Patrons

Mary Buhr, PhD

Dean, College of Agriculture and Bioresources, University of Saskatchewan

Garth Coffin, PhD

Principal (retired), Nova Scotia Agricultural College

Arthur Froehlich, BSc

Owner, President and CEO, Agriview Inc.

Robert Gordon, PhD

President and Vice-Chancellor, University of Windsor

Kim McConnell, BSc

Founder and former CEO, Adfarm; Member of the Order of Canada

Ed Tyrchniewicz, PhD

Senior Scholar, Department of Agribusiness, University of Manitoba

Hon. Lyle Vanclief, BSc

Minister of Agriculture, Canada, 1997-2003

