

2016 Canadian Meat Council Scholarship Winners

Ronald A. Chisholm Undergraduate Scholarship (2)

Dan McCallum



Dan McCallum has completed his first year of a B.Sc. Ag Business degree at the Dalhousie Faculty of Agriculture in Truro, NS. Growing up on a beef farm has made him realize the importance of raising well cared for, quality animals that can be turned into a valuable and healthy product for consumers

Dan has been a 4H member in the Napan, New Brunswick 4H club for 6 years and recently held the position of vice president. He has completed 4H small engines, welding, and beef projects. In his first year at university, he was a member of the woodsmen team, a sport taken very seriously at the Dalhousie Agricultural Campus. He is also a member of "Cultiv8", an entrepreneurial based club which values the learning of business skills and new ideas. His hobbies include mechanics, working on

equipment and fly fishing.

In addition to the 2016 Ronald A Chisholm Undergraduate Scholarship, Dan has been awarded the:

- -Dalhousie Entrance Scholarship
- -Harrison McCain Scholarship
- -Monsanto Scholarship
- -Alumni Family Scholarship

Sabrina Van Schyndel



Born and raised in Carleton Place, ON, Sabrina Van Schyndel is a recent graduate from University of Guelph, where she completed a Bachelor of Science in Animal Biology. She is continuing her education as a graduate student, pursuing a Master of Science degree, examining metabolic disorders in dairy cattle. She was a research student involved in the National Dairy Study 2015 and has spent 6 months assisting with a white veal calf study analyzing health characteristics upon arrival. Growing up with special interests in livestock health and medicine

Piercy Gitelman Memorial Scholarship

Prisca KONE



Native of Ivory Coast, Prisca KONE obtained a degree in veterinary medicine from Université El Tarf in Algeria (2005-2010) for which she received a national scholarship out Ivory Coast. Although pet surgery fascinated her, she needed a clearer picture of animals production, and in 2012, she obtained her Master (Msc) in Quality and environment in animal production from Université François Rabelais Tours in France. Eager to improve her knowledge in research, since 2013, she is enrolled in a PhD program at Université Laval, under the supervision of Prof. Linda Saucier, specialist in meat microbiology. Her study focuses on improving the microbiological quality and safety of rabbit meat, a project which aims at developing new feeding strategies to

improve meat quality. These nutritional strategies include to use plant extracts (onion, strawberry, cranberry; NutraCanada) and essential oils (Xtract, Pancosma) to control spoilage and pathogenic organisms that grow on rabbit meat. Her thesis includes also the use of Micocin® (*Carnobacterium maltaromaticum*) to study the impact of a diet enriched with desirable organisms, such as probiotics or protective cultures, on carcass hygiene. She hopes to complete her defense later this year. She aspires to become a meat scientist involved in research and development in a university, government, or meat processing industry.

CMC Associate Members Scholarship

Shahid Mahmood



Shahid Mahmood is a Ph.D. student in Animal Science, focusing research in Meat Science, with Dr. Heather Bruce at University of Alberta, Canada. His research addresses dark cutting beef and he is investigating cattle phenotypic characteristics, production practices and muscle proteins potentially linked to this meat defect. Mahmood completed his Doctor of Veterinary Medicine (DVM) degree from University of Veterinary & Animals Sciences (UVAS), Lahore, Pakistan, in 2008. He started his career as Agriculture Services Provider in Nestle Milk Pack (Ltd) Pakistan but later he assumed the responsibilities of Veterinary Office in the Department of Livestock and Dairy Development, Punjab, Pakistan. In 2011, Mahmood started his Master study at University of Alberta and then transferred to the Ph.D. program based upon his

progress.

Mahmood was honoured by the president of the University of Alberta to become a member of the Golden Key International Honour Society, a global society that recognizes university students for their academic excellence. He was also awarded Graduate Research Assistant Fund Entrance Award, Professional Development Award and Tuition Fee Awards in 2011, 2012, 2013 and 2014 by the University of Alberta. Mahmood is the author of one peer reviewed paper and is anticipating many more publications from his research project. He has presented his research work at national and international conferences and he was runner-up for International Meat Secretariat Prize in the graduate student poster competition held during the 61st International Congress of Meat Science and Technology (ICoMST-2015) in France in August 2015. His travel to ICoMST-2015 was funded by the ICoMST-2015 Travel Award awarded by the Canadian Meat Science Association. He has been a teaching assistant for many courses at the University of Alberta, and also gave guest lectures in the Carcass and Meat Quality course. His training in meat science is augmented by his background in veterinary medicine and he has a great appreciation for meat processing, product development, animal management and extensive research in meat science. He has aspirations to develop techniques and strategies to address scientifically the emerging challenges to the meat industry.