



CANADIAN FOUNDATION FOR DIETETIC RESEARCH

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Canadian Foundation for Dietetic Research Announces Funding for Six Research Projects

Toronto, June 2016 – This month the Canadian Foundation for Dietetic Research (CFDR) approved funding of \$116,800 for six projects under its 2016 Annual Grants Competition.

In making the grants announcement Laurie Curry, RD, MS, MBA, Chair of the CFDR Board of Directors, said: “As we celebrate the 25th anniversary of CFDR’s incorporation as a charitable foundation, I’m thrilled to share the next wave of exciting projects we are funding to further dietetic research in Canada. The approved grants will further our mission of advancing nutrition through continued enhancement of the knowledge used by dietitians in different fields of practice every day.”

CFDR is also pleased to announce that three of this year’s grants are being funded in part through a grant from the Danone Institute of Canada (DIC). Our organizations share a mandate of promoting knowledge translation in food and nutrition research. The relevant studies as noted below fit the DIC criteria as focused on the synthesis, dissemination, exchange and ethically sound application of nutrition knowledge to improve the health of Canadians, and/or directly compare knowledge translation strategies in the area of nutrition.

This year’s six CFDR grantees are:

Users, uses and impacts of social media in nutrition: a scoping review.

Sophie Desroches, RD, PhD, Université Laval

This study is the first scoping review focusing specifically on the current users, uses, and impacts of social media in dietetic practice. The results will help RDs, dietetic professional associations health consumers and patients make informed decisions about the use of social media to improve health through diet and give the research community insight into the gaps in the literature on social media in dietetic practice. This project is supported in part through DIC funding.

Enhancing glycemic index knowledge and application among adults with Type-2 Diabetes Mellitus.

Steven Johnson, PhD, Athabasca University

This study will help determine if, and how, the current approach to disseminating the Canadian Diabetes Association’s dietary recommendations pertaining to glycemic index concept education could be improved for better uptake using effective and efficient patient-centered approaches to nutrition self-management. This project is supported in part through DIC funding.

Impact of computer-based cognitive training on outcomes during a weight loss intervention in an obese population.

Ryan Stallard, RD, Bariatric Regional Assessment and Treatment Centre, Hotel Dieu Hospital, Kingston, Ontario

This study will seek to determine if evidenced-based response inhibition and working memory training sufficiently improve dietary disinhibition to have a meaningful impact on weight management during a weight loss intervention. To date, existing laboratory studies have not successfully identified the role that known neural networks play on the management of ingestive behaviours; this study could provide new insights into therapeutic strategies for this complex disease. This project is supported in part through DIC funding.

Evaluation and clinical application of a novel bedside tool for the assessment of resting energy expenditure in adults with class II/III obesity.

Carlene Johnson Stoklossa, BA, BSc, RD and Carla Prado, PhD, FTOS

This study is designed to determine the accuracy and reliability of Fitmate GS device for use in assessment of adults with class II/III obesity. The influence of body composition on resting energy expenditure (REE) measurements, specifically lean tissue, will also be explored. This study seeks to enhance dietetic practice by exploring the accuracy of a novel, portable and lower cost bedside tool to measure REE of adults with class II and III obesity in an outpatient setting. This will also help subjects achieve realistic nutrition prescription goals and improve outcomes of intervention.

Family Mealtime Observation Study (FaMOS): Understanding associations between parent feeding practices and children's dietary intake among Canadian families with preschoolers.

Kathryn Walton, MSc, RD, PhD Candidate

The aim of this study is twofold: to address the limitations of existing research related to parental feeding practices and child diet quality and nutrition risk among preschoolers through direct observation of family meals and to examine how aspects of the general family environment, i.e., level of family functioning and parental stress, moderate the associations between parental feeding practices and children's dietary intake and nutrition risk. The study will also examine the association between parental feeding behaviours and child nutrition risk using the validated pediatric nutrition screening tool, NutriSTEP®.

The effect of diet modification on clinical disease activity, the gut microbiome and immune responses in patients with ulcerative colitis.

Natasha Haskey, MSc, RD & Deanna Gibson, BSc, PhD

This study proposes to examine the effect of diet as a modifiable risk factor among patients with ulcerative colitis (UC). The Mediterranean Diet Pattern will be investigated to determine its impact on clinical disease activity, inflammation and the intestinal microbiota in UC patients. There are few research studies that have looked at the impact of diet on Inflammatory Bowel Disease (IBD), including UC, so at the present time it is difficult for RDs and other health professionals to provide nutrition advice based on scientific evidence. Furthermore, much less is known about how diet in patients with IBD impacts symptoms, the immune system and the microbiota in the intestine.

The Canadian Foundation for Dietetic Research was created in 1991 by Dietitians of Canada to support applied nutrition and dietetic practice research. Thanks to the generous support of corporate donors and individual members of Dietitians of Canada, in its history CFDR has funded more than 129 research teams across the country, awarding more than \$1,870,000 in grants. The CFDR research program supports the Foundation's mission: *Enhancing the health of Canadians by contributing new knowledge about food and nutrition.*

For more information on the Danone Institute of Canada visit www.institutdanone.ca.

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