

# FOOD FOR THOUGHT

## SEMINAR SERIES

January 30, 2023  
12:00 PM – 1:00 PM  
(CST-Central Standard Time)  
**VIRTUAL SEMINAR**



*For further information, please  
contact the CCARM  
Administration Office  
email: [ccarm@sbrc.ca](mailto:ccarm@sbrc.ca)*



### ***Paternal Diet on Gut Health in Offspring***

**Raylene Reimer, PhD, RD**  
**Interim Dean and Professor, Faculty of Kinesiology,**  
**University of Calgary**  
**Department of Biochemistry & Molecular Biology,**  
**Cumming School of Medicine**  
**Full Scientist, Alberta Children's Hospital Research Institute**

Dr. Raylene Reimer is also a Registered Dietitian. She has an internationally recognized translational research program focused on the role of diet in modifying gut microbiota and host metabolism in the context of obesity, diabetes, and other chronic diseases such as fatty liver disease and osteoarthritis. She has done extensive research in animal models to study how maternal diet and more recently paternal diet, influences offspring's gut microbiota, glucose tolerance and ultimately obesity risk. Translating findings from animal models to human clinical trials is a key way in which Dr. Reimer spans bench to bedside research. She has published 195 research papers and is principal inventor on several patents. She is a Fellow of the Obesity Society and has been invited to serve on two separate international expert panels to define the scope and appropriate use of the terms prebiotics and synbiotics. Her work has been widely recognized by the media (over 130 media interviews) and with several awards including the Earle Willard McHenry Award for Distinguished Service in Nutrition and the Centrum New Scientist Award for Outstanding Research from the Canadian Nutrition Society, and a Killam Annual Professor award.

**Use the link below to join the Zoom meeting:**

<https://us02web.zoom.us/j/84914295444?pwd=QmhwUnVYWwX5WFI DU1lwWHg3TTFPdz09>

If link does not work, go into Zoom website, click Join:  
Meeting ID: 849 1429 5444  
Passcode: 324339



Hôpital St-Boniface Hospital  
RECHERCHE • RESEARCH



Agriculture and  
Agri-Food Canada

Agriculture et  
Agroalimentaire Canada



UNIVERSITY  
OF MANITOBA