

More Beans Please? Solving the Protein Puzzle



Ag-West Bio 2019 Annual Meeting and Networking Event – June 27, 2019, Saskatoon, SK

Speaker Biographies



Dr. Robert (Bob) Tyler

*Professor of Plant Sciences, University of Saskatchewan;
Acting CTO, Protein Industries Canada; Chair, Ag-West Bio Board of Directors*

MC and presentation on “Plants for Protein”

Bob has been engaged in teaching, research and extension in the areas of food processing, product development, and grain crop processing and utilization for nearly 40 years at the U of S and at the National Research Council of Canada.

Bob has served terms as Department Head, Associate Dean Academic, Acting Associate Dean Research, Associate Dean Research and Graduate Studies, and Acting Dean in the College of Agriculture and Bioresources, as President of the

Saskatchewan Institute of Agrologists and the Saskatchewan Agricultural Graduates Association, and as a director of Mustard Capital Inc. and the Saskatchewan Food Industry Development Centre. Bob is currently chair of Ag-West Bio and of the Saskatchewan Agri-Food Council, which oversees the Province’s agri-food marketing and development boards and development commissions, as well as Acting CTO for Protein Industries Canada.



Deborah Wilson

Sr. Vice President of TrustBIX Inc.

“No Beef with Beef”

TrustBIX Inc. operates Business InfoXchange (BIX) in Canada, and ViewTrak Technologies in Canada, US, Mexico and China. Deborah’s role includes data management system development, blockchain applications, traceability in supply chains, collaborative partnerships, pilot projects as well as marketing and communications.

Deborah sits on the National Council for the Canadian Roundtable for Sustainable Beef (CRSB), was an advisor to the CRSB Verification Committee, and serves on the MarComms committee and the CRSB Business Strategy Committee. She also serves on the project management team for the Canadian Beef Sustainability Acceleration (CBSA) Pilot project, and on both the National and Provincial Boards of the Canadian Agrimarketing Association, receiving their Honor Roll award in 2013, also receiving the President’s award for Glacier Farm Media in 2012. As a lifelong cattle producer, her family operation has used technology and data for production improvement, and increased profitability since the late 1980s.



Kelly Hagen
COO, Entomo Farms

“Crickets as an Alternative Protein: Canada Leads the Way”

Entomo Farms is North America’s largest insect farm raising crickets and mealworms for human consumption. Based in Ontario, Entomo supplies dozens of food companies in eight countries with ingredients for protein bars, smoothies, chips, pasta, crackers, pet treats, and more. Insects provide the protein and nutrient density of meat, as well as prebiotic fibre, and can be raised sustainably due to their low feed conversion ratios.

Kelly brings 20+ years of finance and operations expertise with a decade of work on sustainability causes at Ameresco, Zerofootprint, and now Entomo Farms. She holds a BS from Tufts University and an MBA from Stanford.



Dr. Matthew Anderson-Baron
Co-Founder & Lead Scientist, Future Fields

“Frankenmeat: Cellular Agriculture and The Future of Food”

Matt obtained his BSc in Chemistry and Biology from the University of Alberta in 2013, followed by graduate studies at the U of A. He obtained his PhD in cell biology in 2018. Matt is a pioneer in the field of Canadian cellular agriculture, having founded Future Fields - one of the first cultured meat companies in Canada. Matt has published peer-reviewed works in several society journals, and he currently holds a Seed Grant from New Harvest to study the lipid composition of fetal bovine serum. Matt is also currently employed as a Postdoctoral Research Scholar in the Department of Surgery at the University of Alberta, where he is researching tissue

engineering of cartilage for human patient implantation.



Dr. Gordon Zello
*Professor of Nutrition, College of Pharmacy and Nutrition,
University of Saskatchewan*

“Canada’s food guide: Where differing protein sources fit for a healthy diet”

Gord moved to Saskatoon after completing graduate studies at the University of Toronto and The Hospital for Sick Children, Toronto. He currently has an active graduate and a research program in both basic and applied nutrition. Specializing in intermediary metabolism and nutritional assessment, Gord’s research interests include the measurement of body composition, energy expenditure, metabolism, athletic performance, and nutrient requirements in healthy and clinical populations. Recent work includes assessing the knowledge, attitudes and beliefs towards dairy

and pulse consumption, as well as promoting the health benefits of pulses as part of the Canadian diet and abroad. International work includes nutrition/food security and One Health initiatives in Ethiopia, Bangladesh and Peru. He has published over 100 scientific articles and review papers and has given over 100 conference presentations.