



**PMAC** | PRINCE MAHIDOL  
AWARD CONFERENCE **2018**



## **PARALLEL SESSION 4.4**

**FINDING THE WIN-WIN SOLUTIONS FOR BETTER HEALTH FROM BETTER FOOD  
SYSTEMS**



## | BACKGROUND

The surging global demand for animal source foods and rapid growth rates in livestock and aquaculture production are being met with a range of approaches including both aggressive consolidations of production and marketing chains into intensive, large-scale commercial operations, as well as expansion of extensive, small- and medium-scale production systems. Most current approaches contain inherent vulnerabilities. How can the present food systems be reconfigured to feed the growing human population without leading to unintended health consequences for people, animals and the ecosystem? All the stakeholders in these food systems from production, marketing and consumption need to be actively involved in developing coherent and comprehensive approaches where almost everyone can benefit—i.e. collaborative win-win solutions.

## | OBJECTIVES

- Build upon the existing evidence base for the broad collateral benefits realized when longer term investments in shifting production toward reduced impact practices is achieved
- Review cases from the field of how these production shifts were achieved, the methodologies used in measuring the impact realized, and how the impacts were translated into advocacy efforts influencing policy and decision making
- Identify strategies for scaling up these approaches involving the critical stakeholders in a broad range of food systems based on animal production contexts



## Speaker

### Randal Giroux

*Vice-president of food safety, quality and regulatory*

Cargill  
United States of America

Randal Giroux currently holds the position of Vice President at Cargill Incorporated located at the World Headquarters in Wayzata, Minnesota. Randal leads the areas of Food Safety, Quality, and Regulatory and a recognized thought leader in Cargill and the broader industry for the integration of agricultural biotechnology into the global food system. As part of his portfolio, he has overall responsibility for Quality and Food Safety in Cargill's Global Poultry businesses and Chair's Cargill's Biotechnology Risk Committee. Previously he served these roles as part of Cargill's Agricultural Supply Chain businesses. Randal is involved professionally with both science and trade organizations across the supply chain, and recognized for expertise in both Food Safety and the integration of Agricultural Biotechnology in global food and feed supply chains. He has held a number of leadership positions in the trade and has served on several advisory committees. Before joining Cargill, Dr. Giroux was a Program Manager with the Canadian Grain Commission and previous to his public service; he was a National Needs Fellow with USDA. Randal graduated with a PhD in Agriculture from the University of Guelph (OAC). With his background in the Life Sciences and extensive experience with Cargill's global supply chain businesses, Randal possesses unique skill sets that allow him to operate at a highly technical level and effectively identify and manage Food Safety and Quality opportunities for Cargill's agricultural businesses and stakeholders.