Global Food and Nutrition Security

**Linking Agriculture, Nutrition, and Health Conference 2013 - From Field to Fork:**

**Improving Human Nutrition in Vulnerable Societies using an Agro-Systems Approach,**

February 6-8, 2013, University of Saskatchewan

**Social Event**

**Wednesday, February 6, 2013 - 5:30-8:30 PM** – An Evening @ Wanuskewin Heritage Park,

A Public Event – *Honouring Traditional Food Practices* (featuring music, stories, meal, food demonstrations)- (RR #4, Penner Road, Saskatoon, SK).

*Open to Registrants and By Invitation*

**Co-Hosts-** Dana Soonias, Candace Wasacase-Lafferty and Carol J. Henry, with greetings from David Hill, Dean, College of Pharmacy and Nutrition, and the Honourable Don Morgan, Minister of Advanced Education and Labour Relations & Workplace Safety

Free Conference Shuttle provided from Downtown Hotels for Hotel Registrants for this event.

Pick up @ 5PM.

**Conference**

**Thursday, February 7, 2013** – National Research Center Building (NCR), 3434 - 110 Gymnasium Place NRC Building, University of Saskatchewan

7:30-8:30 am – Registration-(NCR Foyer)

8:00-9:00 am - Welcome & Introductions

- Carol J. Henry, Conference Chair, College of Pharmacy and Nutrition
- Gordon Zello, College of Pharmacy and Nutrition
- Jim Bassinger, Associate Vice-President of Research

9:00-9:30 am - Keynote Speaker

- **Linking Agriculture, Nutrition & Health: A Gender Informed Nutrition and Agriculture (GINA) Model piloted in three African countries.**
  
  Joyce Kikafunda, Uganda High Commissioner to UK, London & Professor, Makerere University

**Session I: Linking crop production to human nutrition: towards equitable food systems in vulnerable society- findings from CIFSRF Call-1 Project**

Session Chair: Mike Grevers, Adjunct Professor, College of Agriculture and Bioresources

9:20-10:30 Session Speakers:

- **Soil quality and sustainable agricultural production for improved nutrition outcomes**
  
  Fran Walley, College of Agriculture and Bioresources, University of Saskatchewan
• Using pulses to double crop as a means of enhancing food and nutrition security  
  Bunyamin Tar’an, College of Agriculture and Bioresources, University of Saskatchewan

• Physiological and Biochemical Response of Local Landrace and Newly Developed Chickpea Varieties to Rhizobium Inoculation and Seeding Dates under Different Agro-ecological Zones of Ethiopia.  
  Molla Assefa, College of Agriculture and Bioresources, University of Saskatchewan

• Response of Snap Bean Genotypes to Rhizobium Inoculation and Nitrogen Fertilizer under Different Agroecological Zones of Ethiopia.  
  Hussein Mohammed, College of Agriculture and BioResources, University of Saskatchewan

• Discussion Panel: Fran Walley, Bunyamin Tar’an, Gordon Zello, Molla Assefa, Hussein Mohammed

10:30-10:45 Nutrition Break- Sponsored by Saskatchewan Pulse Growers

Session II: Making agriculture links for improved food security

10:45-11:15 Keynote speaker  
• Making the Agriculture- nutrition link, Issues, Opportunities  
  Florence Egal, Sr. Officer, Nutrition Division of Food and Agriculture Organization (FAO)

Session Chair: JoAnn Jaff, Dept. Sociology, University of Regina

11: 15-12:30 – Oral Presentations

• Appropriate Processing of Pulses in Nutritional Interventions  
  R.T. Tyler, College of Agriculture and Bioresources, University of Saskatchewan

• Economic Aspects of the Greening of the Green Revolution in South West Nigeria  
  Richard Watuwa\textsuperscript{a}, T.O. Bouman\textsuperscript{b}, Dana Mount\textsuperscript{c}, Ayanwale Adeolu\textsuperscript{d} and Agbola Peter\textsuperscript{e}  
  \textsuperscript{a}Department of Financial and Information Management, Cape Breton University;  \textsuperscript{b}Department of Biology, Cape Breton University, Canada;  \textsuperscript{c}Department of Languages and Letters, Cape Breton University;  \textsuperscript{d}Department of Agricultural Economics, Obafemi Awolowo University, Ile-Ife, Nigeria;  \textsuperscript{e}Department of Agricultural Economics, Osun State University, Osogbo, Nigeria

• Wild Edible Plants (WEPs) and their contribution to food security: An analysis of Institutional, environmental and cultural factors in the Semi-Arid Midlands of Kenya  
  Stephanie Shumsky and Gordon M. Hickey, Faculty of Agricultural and Environmental Sciences, McGill University

• Effects of Different Pre-treatments on the Nutritional and Antinutritional Contents of Vernonia amygdalina (Bitter Leaf).
Discussion:

12:30- 1:45 PM- Lunch break: NRC, (main foyer), Catered by Calories Restaurant

- Lentil Vadai with house chutney
- Sweet Potato Chips with lentil dip and red pepper walnut spread
- Moroccan chicken soup
- House baked naan with roasted vegetables and hummus
- Curried turkey salad with grapes, almonds and chutney on wild rice bread
- Apple date squares topped with caramelized coconut
- Fresh fruit platter with yogurt dip

Session III: Healthy Ecologies Community equity and healthy ecologies for improved food and nutrition security

1:45- 2:10 Keynote Speaker
- Improving food and nutrition security in the Caribbean: Linkages among agricultural, health and social science
  Leroy Phillip, McGill University,

Session Chair: Amy Kaler, Department of Sociology, University of Alberta

2:10- 3:15 Session Speakers
- Healthy Ecologies: Directions in linking agro-food systems with community equity and food security in rural Ethiopia
  JoAnn Jaffe, Department of Sociology, University of Regina

- The Gendered Greening of the Green Revolution in Southwest Nigeria
  D. Mount, P. Johnson, O. T. Bouman, R. Watuwa, F.O. Deji, and A. Kaothar
  a Department of Languages and Letters, Cape Breton University; b Shannon School of Business, Cape Breton University; c Department of Biology, Cape Breton University; d Shannon School of Business, Cape Breton University; e Department of Agricultural Extension and Rural Development, Obafemi Awolowo University, Nigeria; f Department of Agricultural Economics and Extension, Osun State University, Nigeria

- Intersections of Gender, Household Resources and Food Consumption in Rural Tanzania
  Ryan Mason and John R Parkins, University of Alberta

- Enhancing access to nutritious small millets based products for urban poor: A case study of street food vendors in Maduria, Tamil Nadu, India
Kirit Patel, Ruth-Anne Seburn, David Guenther, and Kyle Wiebe  
Menno Simons College - International Development Studies, University of Winnipeg

Discussion:

3:15- 3:30- Nutrition break- Sponsored by Saskatchewan Pulse Growers

Session IV: Highlighting Nutrition Education initiatives

Session Chair: Susan Whiting, College of Pharmacy & Nutrition, University of Saskatchewan

3:30- 4:30 Session Speakers

- **Beliefs and barriers to pulse consumption - A Canadian perspective**  
  Gordon Zello, College of Pharmacy & Nutrition, University of Saskatchewan

- **The health benefits of pulse consumption: Evidence from studies in special populations**  
  Phil Chilibeck, University of Saskatchewan

- **Optimal Infant & Young Child Feeding In Ethiopia: Experiences of the Alive & Thrive Project**  
  Yewelsev Abebe, Technical Specialist in Nutrition, Alive and Thrive, Ethiopia

Discussion:

Day II, Friday February, 8, 2012 at National Research Council Building (NRC)

Session V: Agriculture –Assessing and Implementing Nutrition outcome Pathways

8:30 –8:40- Welcome, Harley Dickinson, Office of the Vice- President of Research

8: 40- 11:00 Session Chair:  Carol J. Henry, College of Pharmacy & Nutrition, University of Saskatchewan

Keynote Speaker

- **Pathways for nutritional outcomes and indicators within agricultural research**  
  Annie Wesley, Sr. Program Specialist, International Development Research Center (IDRC)

Session Speakers

- **Assessing Improvements In Nutrition Outcomes Following Agricultural Incomes: Short, Medium and Long-term**
Tim Green, Faculty of Land and Food Systems, University of British Columbia

- Panel Discussion: Annie Wesley, Joyce Kikafunda, Florence Egal, Tim Green, Yewelseif Abebe

Session VI: 11:00-12:30- Initiatives to promote Food Security

Session co-Chairs: Bunyamin Tara’n & Fran Walley,

- *The contribution of wild foods to food security in the context of HIV/AIDS and climate change*
  Keitometsi Ngulube Abu-Basutu, Brent Swallow, Charlie Shackleton
  a,cDepartment of Environmental Science, Rhodes University, Grahamstown, South Africa; bDepartment of Resource Economics and Environmental Sociology, University of Alberta

- *Integrated nutrient and water management for sustainable food production in the Sahel*
  Derek Peak and David Natcher
  College of Agriculture and BioResources, University of Saskatchewan

- *Development of the Global Food Security Institute, University of Saskatchewan*
  Sina Adl, College of Agriculture and BioResources, University of Saskatchewan

12:30-2:00 PM- Lunch & Wrap up- Lunch catered by Calories Restaurant

- Saskatchewan lamb meatballs with Saskatchewan sour cherries
- House made falafel with garlic tahini dip
- Tabbouleh salad sides
- House smoked trout, sprouts and herbed cream cheese on bagel
- Roasted eggplant, zaatar and fresh house cheese on wild rice bread
- Old fashioned lemon tarts
- Fresh fruit platter with yogurt mango dip