SUNDAY, JULY 11, 2010

6:00 – 8:00 Opening Reception

MONDAY, JULY 12, 2010

7:30-8:30 Breakfast and Registration

8:30-9:15 Welcome
  • Rose Tobelmann, National Nutrient Databank Steering Committee Chair; General Mills, Inc.
  • Lisa Jahns, Conference Chair; Grand Forks Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)
  • Gerald F. Combs, Jr; Center Director, Grand Forks Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

9:15-9:35 Food and Nutrient Databases: The Challenges and Future Frontiers
  Alanna Moshfegh; Food Surveys Research Group, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

Session 1: Novel and Modernization of Databases
  Session Chairs: Rachel Fisher and Marie Kuczmarski

9:35-9:55 Tracking Foods from Prairie to Plate
  • Sue Krebs-Smith; National Cancer Institute (NCI), National Institutes of Health (NIH)

9:55 – 10:15 Development of a Vitamin D Database for National Nutrition Monitoring
  • Jaspreet KC Ahuja; Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)
  * presented by Alanna Moshfegh Food Surveys Research Group, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

10:15 – 10:35 New Release of USDA Food and Nutrient Database for Dietary Studies
  • Janice Bodner Montville; Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)
10:35 - 10:55  From Plate to Market: A Novel Approach to Convert Foods Consumed Back to Food Commodities
  •  Shanthy A. Bowman; Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

10:55- 11:30 Break and Poster Viewing

Session 2: Exploring New Frontiers - International Updates
  *Session Chairs: Priscilla Connors and Beverly McCabe Sellers*

11:30-11:50  The EUROFIR eSearch – The European Food Composition Databank System
  •  Anders Møller; Danish Food Information, Denmark

11:50-12:10  Disaggregation of Composite Dishes in the UK National Diet and Nutrition Survey Food Composition Databank and Impact on Meat and Fruit and Vegetable Intakes
  •  Alison M Stephen; MRC Human Nutrition Research, Elsie Widdowson Laboratory, Cambridge, UK

12:10-12:30  Six Sigma Scale as Quality Criteria on Aggregation of Food Property Measures
  •  Isabel Castanheira; Food Safety and Nutrition Centre, Dr. Ricardo Jorge National Institute of Health, Lisbon, Portugal

12:30 – 1:30  **Networking Lunch** (included)

Session 3: Analytical Methods and Food, Part I
  *Session Chair: James Harnly*

1:30-1:50  Spectral Fingerprinting for Identification and Authentication of Foods and Botanical Supplements
  •  James Harnly; Food Composition and Methods Development Lab, Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

1:50-2:10  Production of Unique Se-enriched Products and Biofuels from Plants Used for Removing Selenium from the Soil
  •  Gary S. Banuelos; Agricultural Research Service (ARS), US Department of Agriculture (USDA)
2:10-2:30 Retail Display Conditions of Continuous Light and Dark on the Disposition of Vitamins in Baby-Leaf Spinach
• Gene Lester; Subtropical Agricultural Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA), Weslaco, TX

2:30-2:50 Analysis of Vitamin D in Foods Using Liquid Chromatography and Mass Spectrometry
• Craig Byrdwell; Agricultural Research Service (ARS), US Department of Agriculture (USDA)

2:50-3:10 Break and Poster Viewing

Session 4: Exploring New Frontiers - Nutrient Variations in Databases
Session Chairs: Jaspreet Ahuja and Susie McNutt

3:10-3:30 Evaluation of FNDDS Food Items for Selection in Controlled Feeding Studies
• Bethany L. Six; Purdue University Department of Foods and Nutrition

3:30-3:50 Variability of Omega-3 Fatty Acids in Nutrient Databases and Related Research
• Penny Kris-Etherton; Penn State

3:50-4:10 Accuracy of Whole Grain Composition Estimates Derived from Formulations Created for a Sample of Whole Grain Containing Commercial Food Products
• Lisa Harnack; University of Minnesota

4:10 – 4:30 Maintenance of Nutrition Data for Agriculturally-Based Ingredients: An Industry Perspective
• Annette Olson; General Mills Inc.

TBA Steering Committee Meeting

TUESDAY, JULY 13, 2010

7:30 - 8:30 Breakfast and Registration

8:30 – 9:00 Food Environment Atlas Demonstration
• Joanne Guthrie; Economic Research Service (ERS), US Department of Agriculture (USDA)

Session 5: Analytical Methods and Food, Part II
Session Chairs, James Harnly and Pamela Pehrsson

9:00 – 9:20 The Story is Not Over on Dietary Fiber: AOAC International Official Methodology for the CODEX Alimentarius
• Jonathan W. DeVries; Medallion Laboratories, General Mills Inc.
9:20 – 9:40 The Challenges of Incorporating Chromium into a Food and Nutrient Database
  • Mayly Y. Thor; University of Minnesota - Nutrition Coordinating Center

9:40 – 10:00 The Use of Self-Reported Food Intakes to Formulate Hypotheses for Expected and Unexpected Findings in Copper, Zinc, and Magnesium Supplementation Studies
  • Forrest Nielsen; Grand Forks Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

10:00 – 10:30 Break and Poster Viewing

Session 6: Specialized Population Dietary Collection Methods and Databases
  Session Chairs: Marie Kuczmarski and Phyllis Stumbo

10:30-10:50 Adapting the US Department of Agriculture’s Automated Multiple Pass Method for Use with a Native American Population
  • Thea Palmer Zimmerman; Westat

10:50-11:10 Obtaining the Information Necessary to Adapt the US Department of Agriculture’s Automated Multiple Pass Method for Use with a Native American Population
  • Whitney Fraser; Environment International

  • Donna Au; University of Hawaii

11:30 – 12:30 Networking Lunch (included)

Session 7: Exploring New Frontiers - Dietary Supplement Databases
  Session Chairs: Cathy Champagne and Julie Gilmore

12:30-12:50 New Developments in Federal Dietary Supplement Databases
  • Johanna T Dwyer; Office of Dietary Supplements (ODS), National Institutes of Health (NIH)

12:50-1:10 Sampling Plans for Multivitamins and Dietary Supplements containing Omega-3 Acids in the Dietary Supplement Ingredient Database (DSID)
  • Janet M. Roseland, Nutrient Data Laboratory, Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)
1:10-1:30 An Overview of the National Health and Nutrition Examination Survey Dietary Supplements Database
- Jaime Gahche, National Center for Health Statistics (NCHS), Centers for Disease Control and Prevention (CDC)

1:30-1:50 Controlled Vocabulary for Describing Dietary Supplements: LanguaL Proposals
- Jayne Ireland; Danish Food Information, Denmark

Session 8: Sodium Under Scrutiny - Responses from Government and Industry
Session Chairs: Joanne Holden and Ann Albertson

1:50-2:10 USDA Strategies for Monitoring Sodium Changes in Foods
- Joanne Holden, Nutrient Data Laboratory, Beltsville Human Nutrition Research Center, Agricultural Research Service (ARS), US Department of Agriculture (USDA)

2:10-2:30 Development of Databases to Monitor Sodium in Packaged and Restaurant Foods
- Christine M Johnson, New York City Department of Health and Mental Hygiene

2:30-2:50 Reducing Sodium in Foods: An Industry Perspective
- Rickard Black, Kraft Global Nutrition

3:00 - 5:00 Optional Tours (HNRC, downtown Grand Forks)
See conference website for details.

5:30 – 8:30 Picnic Banquet (included with registration)

WEDNESDAY, JULY 14, 2010

7:30 - 8:30 Breakfast

8:30 – 9:00 Process Used to Develop the 2010 Dietary Guidelines for Americans
- Patricia Guenther; Center for Nutrition Policy and Promotion (CNPP), US Department of Agriculture (USDA)

Session 9: Updating food composition databases with density for new technologies in diet assessment
Session Chairs: Carol Boushey and Cathy Chenard

9:00-9:05 Session Overview
- Carol Boushey; Purdue University
9:05-9:25 Review of Measuring and Predicting Density of Foods
- Martin Okos; Purdue University

9:25-9:45 Measuring Density Using Seed Displacement
- Phyllis Stumbo; University of Iowa, Institute for Clinical and Translational Science

9:45-10:05 Determination of Food Volume and Porosity Using Imaging Methods
- Shivangi Kelkar; Purdue University

10:05-10:25 Development of Density Prediction Methodology
- Scott Stella; Purdue University

10:25-10:45 Closing Remarks/Capstone
- Susie McNutt; Westat
- Marie Kuczmarski, University of Delaware and Rachel Fisher, National Institutes of Health

11:00 - 2:00 Optional Tours (HNRC, downtown Grand Forks)
See conference website for details.

1:00 – 5:00 Special Post-Conference Workshop: Dietary Supplement Description System

Workshop Organizers: Joanne Holden, Research Leader of the Nutrient Data Laboratory, and Johanna Dwyer, Office of Dietary Supplements, National Institutes of Health.

There is no charge for this session, but you must register separately. See conference website for details.

Note: In order to protect our environment, we will not be providing conference bags or printed abstract materials this year