



40th National Nutrient Databank Conference Preliminary Program
“Advancing Food and Nutrient Databases through Partnerships and Technology”

University of Minnesota Humphrey School of Public Affairs Conference Center
Minneapolis, MN

July 23-25, 2018

Monday, July 23, 2018

7:30 – 5:00 Registration
7:30 – 8:30 Breakfast
8:30 – 9:00 **WELCOME**

Opening Session

9:00 – 10:00 **KEYNOTE:** Title TBD
Ted Labuza, Department of Food Science and Nutrition, University of Minnesota
10:00 – 10:15 **Break**

SESSION 1

Advancing our National Nutrient Databases

Session Chairs: Pamela Pehrsson and Laura Sampson

10:15 – 10:45 **Big Data, the Food System and Public Health: Addressing the Questions of Tomorrow in a Changing Environment**
John Finley, National Program Leader, Agricultural Research Service, USDA

10:45 – 11:00 **Advances in the 2015-2016 Food and Nutrient Database for Dietary Studies**
Alanna Moshfegh, Research Leader, Food Surveys Research Group, Agricultural Research Service, USDA

11:00 – 11:15 **Items Designated as Fortified: Food and Nutrient Database for Dietary Studies (FNDDS), 2013-2014**
Carrie Martin, Nutritionist, Food Surveys Research Group, Agricultural Research Service, USDA

11:15 – 11:30 **A Partnership for Better Health: USDA Branded Food Products Database**
Alison Kretser, International Life Sciences Institute, North America

11:30 – 11:45 **Modernization and Revitalization of the FDA Total Diet Study**
Judi Spungen, US Food and Drug Administration

11:45-12:15

Questions and Discussion

12:15 – 1:45

Lunch and Poster Session 1 with Presenters

SESSION 2

Dietary Components: New Research and Challenges

Session Chairs: Bernadette Marriott and Trish Zecca

1:45 – 2:05

Protein Quality, Efficiency, and Methodology: Assuring Accurate Labels and Databases and Adequate Intake

David Plank, University of Minnesota

2:05 – 2:25

Are Conversion Factors used in Food Composition Databases Still Valid?

David Haytowitz, Nutrient Data Laboratory, Agricultural Research Service, USDA

2:25 – 2:45

Addition of Gluten to a Food and Nutrient Database

Bhaskarani Jasthi, Nutrition Coordinating Center, Epidemiology & Community Health, University of Minnesota

2:45 – 3:05

Comprehensive Chemical Profiles of Foods as a Basis for Comparison and Characterization of Variance

James Harnly, Research Leader, Food Composition and Methods Development Lab, Agriculture Research Service, USDA

3:05 – 3:25

Updating Human Milk Nutrient Composition in USDA Foods: Where We Are Now and Future Directions

Xianli Wu, Nutrient Data Laboratory, Nutrient Data Laboratory, Agricultural Research Service, USDA

3:25 – 3:45

Iodine in Foods and Dietary Supplements: Development of Special Interest Data

Pamela Pehrsson, Research Leader, Nutrient Data Laboratory, Agricultural Research Service, USDA

3:45 – 4:15

Break

SESSION 3

International Nutrient Databases and Data

Session Chairs: Alanna Moshfegh and Rachel Fisher

4:15 – 4:35

What are Canadians Eating in 2015?

Isabelle Massarelli, Bureau of Food Surveillance and Science Integration, Food Directorate, Health Canada

4:35 – 4:55

New Information Portal about Food Composition Databases and Tables: the World Nutrient databases for Dietary Studies

Morven McLean, ILSI Research Foundation

4:55 – 5:15 **Assessment of Sodium and Sugar Content in Infant and Toddler Prepackaged Foods in Canada**
Mary L'Abbe, Department of Nutritional Sciences, Faculty of Medicine, University of Toronto

5:15- 5:30 **Nutritional Analysis of Selected Commercial Rice Varieties of Sindh, Pakistan**
Najma Memon, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan

5:30 **Housekeeping and ADJOURN**

6:00 – 8:00 **RECEPTION**

Tuesday, July 24, 2018

8:00 – 5:00 **Registration**

8:00 – 9:00 **Breakfast**

Posters displayed all day. Authors present 12:30 pm – 1:30 pm.

9:00 – 9:15 **WELCOME**

ANNOUNCEMENT OF STUDENT POSTER AWARD WINNERS

SESSION 4

Advances in Food Labels to Meet the Needs of Consumers and Researchers

Session Chairs: Judi Spungen and Rose Tobelmann

9:15 – 9:45 **Update on Food Labeling**
Patricia Hansen, Deputy Director, CFSAN Office of Nutrition and Labeling, US Food and Drug Administration

9:45 – 10:00 **Methodology to Modernize the RACCs/Serving Sizes for the Nutrition Facts Label**
WenYen Juan, Office of Nutrition and Food Labeling, Center for Food Safety and Applied Nutrition, US Food and Drug Administration

10:00 – 10:15 **Questions and Discussion**

10:15 – 10:45 **Break**

10:45 – 11:05 **Effects of a voluntary Front-of-Pack Nutrition Labelling System on Packaged Food Reformulation**
Cliona Ni Mhurchu, National Institute for Health Innovation, University of Auckland, Auckland, New Zealand

11:05 – 11:25 **Tracking Changes in Sodium Content of Popular Commercially Processed and Restaurant Foods using USDA-CDC Sentinel Foods Sodium Monitoring Program**
Jaspreet Ahuja, Nutritionist, Nutrient Data Laboratory, Agricultural Research Service, USDA

11:25 – 11:45 **Dietary Supplement Label Database (DSLDB): Mobile-Friendly Version**
Leila Saldanha, Office of Dietary Supplements, NIH

11:45 – 1:30 **Lunch and Poster Session 2 with Presenters**

SESSION 5

Innovations for Today and the Future: Apps, Software, and New Technology

Session Chairs: Diane Mitchell and Carol Boushey

1:30 – 2:00 **Introduction/Overview – Title: TBD**
Carol Boushey, University of Hawaii at Manoa, Honolulu, Hawaii

2:00 – 2:15 **Changes to Nutrition Data System for Research (NDSR) to Meet Emerging Needs of Researchers**
Lisa Harnack, Division of Epidemiology and Community Health, School of Public Health, University of Minnesota, Minneapolis, MN

2:15 – 2:30 **Assessing the Accuracy of Nutrient Calculations of Popular Nutrition Tracking Applications**
Carly Griffiths, University of Minnesota

2:30 – 2:45 **FoodTrack™ – Providing Local and Global Access to Branded Australian Food and Nutrient Data through the Development of an Application Programming Interface (API)**
Xenia Cleanthous, Health & Biosecurity Division, Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia

2:45 – 3:00 **Break**

3:00 – 3:15 **Updates to the Automated Self-Administered 24-Hour Dietary Assessment Tool (ASA24)**
Thea Zimmerman, Westat, Rockville, MD

3:15 – 4:00 **The NUTS and DATES of Automating the Harvard Food Frequency Questionnaires and Databases over 38 years.**
Laura Sampson, Harvard School of Public Health, Nutrition Department

4:00– 4:15 **Other Presentation (TBD)**

4:15 – 4:45 **Questions and Discussion**

4:45 – 5:00 **ADJOURN**

6:30 – 7:30 **Walking Tour of Minneapolis Riverfront and Mill City District**

Wednesday, July 25, 2018

8:00 am – 8:30 pm **Registration**

8:00 am – 9:00 am **Breakfast**

9:00 am – 10:00 am **National Nutrient Databank Conference Recognition Award
“DASHing Through a Career in Research”**
Catherine Champagne, Pennington Biomedical Research Center

SESSION 6

Microbiome, Carbohydrates and Fiber: Strategies and Challenges

Session Chairs: Alison Kretser and David Haytowitz

10:00 – 10:30

Title: TBD

Joanne Slavin, Department of Food Science and Nutrition, University of Minnesota

10:30 – 10:45

Food Manufacturers’ Use of Isolated and Synthetic Non-Digestible Carbohydrate Ingredients No Longer Considered Sources of Dietary Fiber for Labeling Purposes in the U.S.

Lisa Harnack, Nutrition Coordinating Center, University of Minnesota

10:45 – 11:00

Dietary Fiber – The Confluence of Physiology and Methodology

David Plank, University of Minnesota

11:00 – 11:15

Implications of Two Different Methods for Analyzing Total Dietary Fiber in Foods for Food Composition Databases

David Haytowitz, Nutrient Data Laboratory, Agricultural Research Service, USDA

11:15 – 11:30

Questions and Discussion

11:30-12:00

ANNOUNCEMENTS AND CLOSING REMARKS

BOX LUNCH