

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 am – 5:00 pm	Registration
7:30 am – 8:30 am	Breakfast
8:30 am – 9:00 am	WELCOME
OPENING SESSION	
9:00 am – 9:45 am	KEYNOTE: Title TBD Ted Labuza, Department of Food Science and Nutrition, University of Minnesota
9:45 am – 10:00 am	Break
10:00 am – 12:30, Session 1	Advancing our National Nutrient Databases (5) 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 Advances in the 2015-2016 Food and Nutrient Database for Dietary Studies Alanna Moshfegh, Research Leader, Food Surveys Research Group, Agricultural Research Service, USDA 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 A Partnership for Better Health: USDA Branded Food Products Database Alison Kretser, International Life Sciences Institute, North America Modernization and Revitalization of the FDA Total Diet Study Judi Spungen, US Food and Drug Administration Panel Discussion
12:30 pm – 1:45 pm	Lunch and Poster Session with Authors

1:45 pm – 3:45 pm, Session 2 *Dietary Components: New Research and Challenges (6)*

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

David Plank, University of Minnesota

Are Conversion Factors used in Food Composition Databases Still Valid?

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

Addition of Gluten to a Food and Nutrient Database

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

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

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

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

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

3:45 pm – 4:00 pm

Break

4:00 pm – 5:30 pm, Session 3 *International Nutrient Databases and Data (4)*

What are Canadians Eating in 2015?

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

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

Morven McLean, International Life Sciences Institute, North America

Assessment of Sodium and Sugar Content in Infant and Toddler Prepackaged Foods in Canada

Susan Trang, Department of Nutritional Sciences, Faculty of Medicine, University of Toronto

Nutritional Analysis of Selected Commercial Rice Varieties of Sindh, Pakistan

Najma Memon, National Centre of Excellence in Analytical Chemistry, University of Sindh, Jamshoro, Pakistan

Panel Discussion

5:30 pm

Housekeeping and ADJOURN

7:00 pm – 9:00 pm

RECEPTION

Tuesday, July 24, 2018

8:00 am – 5:00 pm

Registration

8:00 am – 9:00 am

Breakfast

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

9:00 am – 9:15 am

WELCOME

ANNOUNCEMENT OF STUDENT POSTER AWARD WINNERS

9:15 am – 12:00, Session 4

Advances in Food Labels to Meet the Needs of Consumers and Researchers (5)

General update on labeling

TBD

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

10:15 am – 10:30 am

Break

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

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

Dietary Supplement Label Database (DSLDB): Mobile-Friendly Version

Leila Saldanha, Office of Dietary Supplements, NIH

Panel Discussion

12:00 pm – 1:30 pm

Lunch and Poster Session with Authors

1:30 pm – 5:00 pm, Session 5 *Innovations for Today and the Future: Apps, Software, and New Technology (5)*

Introduction -- TBD

Assessing the Accuracy of Nutrient Calculations of Popular Nutrition Tracking Applications

Carly Griffiths, University of Minnesota

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

Updates to the Automated Self-Administered 24-Hour Dietary Assessment Tool (ASA24)

Thea Zimmerman, Westat, Rockville, MD

Other Presentations (TBD)

Panel Discussion

4:30 pm – 5:30 pm

ADJOURN

6:30 pm – 7:30 pm

Walking Tour of Minneapolis Riverfront and Mill City District

Wednesday, July 25, 2018

7:30 am – 8:30 am

Registration

7:30 am – 8:30 am

Breakfast

8:30 am – 9:30 am

National Nutrient Databank Conference Recognition Award – Catherine Champagne, Pennington Biomedical Research Center

9:30 am – 12:00, Session 6

Microbiome, Carbohydrates and Fiber: Strategies and Challenges (4)

Title: TBD

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

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

Dietary Fiber – The Confluence of Physiology and Methodology

David Plank, University of Minnesota

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

Panel Discussion

12:00

ANNOUNCEMENTS AND CLOSING REMARKS

BOX LUNCH

Preliminary Program