The 38th National Nutrient Databank Conference (NNDC)
Portland Hilton & Executive Tower
May 14-17
Portland, Oregon

Theme: Food Composition: Bridging the Gaps

WEDNESDAY MAY 14, 2014

6:00-8:00 **Registration**

6:00-8:00 OPENING RECEPTION

THURSDAY MAY 15, 2014

7:30-5:00 **Registration**

7:30–9:00 Breakfast will be provided

9:00-9:20 WELCOME
Julia Jordan, Local Arrangements Chair & Diane Mitchell, NNDC Executive Committee Chair

9:20-9:30 Award Presentation: Diane Mitchell and Julie Eichenberger Gilmore
Phyllis Stumbo, 2014 award recipient of an outstanding lifetime achievement in the area of nutrient databases

9:30-10:10 Keynote Speaker: Phyllis Stumbo, University of Iowa
Origins and Evolution of the National Nutrient Databank Conference; Chronicling Food Composition Databases from 1976 to 2014.

10:10-10:30 Break

SESSION 1: IMPROVING NUTRIENT DATABASES
Session Chairs: Pamela Pehrsson and Susie McNutt

10:30-10:50 Impact of Nutrient Data Improvements on Analyzing Trends in Dietary Intakes
Lois Steinfeldt, USDA Food Surveys Research Group

10:50-11:10 USDA Food and Nutrient Database for Dietary Studies (FNDDS) 6.0, 2011-2012
Carrie Martin, USDA Food Surveys Research Group

11:10-11:30 Procedure for Adding Natural Language-Based Short Food Descriptions to a Food and Nutrient Database
Lisa Harnack, University of Minnesota

11:30-11:50 Updating and Expanding Nutrient Data Available for Pulse Crops
David Haytowitz, Nutrient Data Laboratory

12:00–1:00 Lunch will be provided

1:00-2:00 Poster Session with Presenters
SESSION 2: NUTRIENTS OF EMERGING INTEREST
Session Chairs: Marie Kuczmarski and Rose Tobelmann

2:00-2:20 Development and Application of a Database for Assessing Flavonoid Intakes in the U.S. population
Rhonda Sebastian, USDA Food Surveys Research Group

2:20-2:40 Nutrient Results from a Collaborative Nationwide Beef Study to Update Data in the USDA Database, 2007-2013
Janet Roseland, USDA Nutrient Data Laboratory

2:40-3:00 Do lower Calorie or Lower Fat Food Products have more Sodium than their Regular Counterparts?
Joyce Maalouf, Centers for Disease Control and Prevention

3:00-3:20 Break

SESSION 3: USING LABEL DATA
Session Chairs: Rachel Fisher and Diane Mitchell

3:20-3:40 Foods and Nutrients Consumed in the US, from Factory to Fork
Emily Yoon, University of North Carolina

3:40-4:00 Populating a Nutrition Database from Nutrition Facts Labels
Marc Joliat, Info Access Inc

4:00-4:20 qDIET: Toward Calculating HEI Scores From Grocery Store Sales Data
Valliammai Chidambaram, University of Utah

4:20-4:40 Sodium Content of Foods Contributing to Sodium Intake: A Comparison Between Selected Foods from CDC's Packaged Food Database and the USDA National Nutrient Database for Standard Reference
Joyce Maalouf, Centers for Disease Control and Prevention

4:40 Adjourn

4:40-5:30 Break

5:30-8:00 Dinner Banquet at the Portland Art Museum

FRIDAY MAY 16, 2014

7:00-5:00 **Registration**

7:00–8:00 Breakfast will be provided

8:00-8:10 Award Acknowledgement: Rose Tobelmann
Joanne Holden, 2013 award recipient of an outstanding lifetime achievement in the area of nutrient databases

8:10-8:50 Keynote Speaker: Pamela Pehrsson for Joanne Holden, USDA Nutrient Data Laboratory
Food Composition Data: Keeping Pace with Emerging Trends in Research and Database Applications
### SESSION 4: PUBLIC PRIVATE PARTNERSHIP

**Session Chairs:** Carol Boushey and Julie Eichenberger Gilmore

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8:50-9:10</td>
<td>USDA Food Composition Databases: Moving into the Future</td>
<td>Pamela Pehrsson, USDA Nutrient Data Laboratory</td>
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<tr>
<td>9:10-10:35</td>
<td>Augmentation of the USDA National Nutrient Database: A Public-Private Partnership on “Branded Food Products Database for Public Health”</td>
<td>Richard Brenner, ATIP Foundation, Alison Kretser, ILSI North America, John Finley, National Program Staff, ARS-USDA</td>
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<td>10:35-10:55</td>
<td>Break</td>
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### SESSION 5: TOOLS AND METHODOLOGIES

**Session Chairs:** Rachel Fisher and Lisa Harnack

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<th>Time</th>
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<th>Details</th>
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<tbody>
<tr>
<td>10:55-11:00</td>
<td>FAO/INFOODS e-Learning Course on Food Composition Data</td>
<td>Abstract acknowledgement (for Ruth Charrondiere, FAO)</td>
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<tr>
<td>11:00-11:20</td>
<td>Challenges in Estimating Intakes from Non-daily Value Ingredients in Dietary Supplements (DS) Using Label Information: Case Study Energy Products</td>
<td>Leila Saldanha, NIH</td>
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<td>11:20-11:40</td>
<td>Foodomics: Just Another Omics or a Useful Tool for Database Research</td>
<td>James Harnly, USDA</td>
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<td>11:40-12:00</td>
<td>MenuStat: A Unique Restaurant Nutrition Surveillance Mechanism</td>
<td>Elizabeth Leonard, New York City Department of Health and Mental Hygiene</td>
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<td>12:00–1:00</td>
<td>Lunch will be provided</td>
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<td>1:00-2:00</td>
<td>Poster Session with Presenters</td>
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### SESSION 6: DIETARY ASSESSMENT

**Session Chairs:** Elizabeth Braithwaite and Susie McNutt

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<tr>
<td>2:00-2:20</td>
<td>Children's Healthy Living Program for Remote Underserved Minority Populations in the Pacific region: Challenges and Design of Dietary Assessment Methods Among Young Children 2-8 Years Old</td>
<td>Carol Boushey, University of Hawaii Cancer Center</td>
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<tr>
<td>2:20-2:40</td>
<td>The Impact of Conventional Dietary Intakes Data Coding Methods on Foods Typically Consumed by Low-income African American and White Urban Population</td>
<td>Marie Kuczmarski, University of Delaware</td>
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<td>2:40-3:00</td>
<td>Estimation of Nutrient Intakes Using Data from the FDA Total Diet Study (TDS): A First Step in Revising the TDS Food List</td>
<td>Judith Spungen, FDA</td>
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<td>3:00-3:20</td>
<td>The National Cancer Institute (NCI)'s Web-based Automated Self-administered 24-hour Dietary Recall (ASA24) Performs Similarly to a Traditional Interviewer-administered Automated Multiple Pass Method (AMPM) 24-hour Recall</td>
<td>Thea Zimmerman, Westat</td>
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<td>3:20-3:40</td>
<td>Break</td>
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SESSION 7: INTERNATIONAL DATABASES
Session Chairs: Carol Boushey and Phyllis Stumbo

3:40-4:00 Adaptation and Expansion of the Nigerian food, Recipe and Nutrient Database for Zambia
Sue Day, University of Texas

4:00-4:20 Development of a Nutrient Composition Database for Ghanian Foods
Seth Armah, Iowa State University

4:20-4:40 Food Composition Database for Bangladesh (FCDB)
Nazma Shaheen, University of Dhaka, Bangladesh

4:40-5:00 The Forgotten Science: An Overview of the Influential Developments and Key Players within the Food Composition Program of Australia
Yasmine Probst, University of Wollongong, Australia

5:00 Adjourn

Free Evening (Dinner on Own)

SATURDAY MAY 17, 2014

7:00-12:00 **Registration**

7:00-8:00 Breakfast will be provided

SESSION 8: USDA UPDATE
Session Chairs: Elizabeth Braithwaite and Diane Mitchell

8:00-9:50 Updating USDA’s Key Foods List for NHANES 2009-10 and A General Nutrient Data Laboratory Update
Pamela Pehrsson and David Haytowitz, Nutrient Data Laboratory

9:50-10:10 Break

10:10-11:30 The Building Blocks for Using What We Eat in America, NHANES Dietary Data
Alanna Moshfegh, Food Surveys Research Group

11:30-11:45 CLOSING REMARKS
Sonja Connor, Academy of Nutrition and Dietetics President-elect

11:45-12:00 VALEDICTION
Julia Jordan, Local Arrangements Chair
Diane Mitchell, NNDC Executive Committee Chair,
Recognition/Announcement of Steering and Executive Committee Members
Recognition of Newly Elected Committee Member