

***Preliminary Program—February 14, 2012 (Subject to Change)***

**The 36<sup>th</sup> National Nutrient Databank Conference (NNDC)  
InterContinental Hotel Houston near the Galleria  
March 25-28, 2012.  
Houston, Texas**

***Theme: Empowering Consumers through Advances in Food Composition***

Cosponsors: National Nutrient Databank Conference Steering Committee  
US Department of Agriculture, University of Texas School of Public Health, Health Canada

Partial Support from the Agriculture, and Food Research Initiative (AFRI), US Department of Agriculture, Office of Dietary Supplements, National Institutes of Health; and Carolyn Moore, PhD, RD

**SUNDAY MARCH 25, 2012**

**12:00-6:00**                    **\*\*Registration\*\***

**PRE-CONFERENCE WORKSHOP**

**1:00–2:45**                    **Nutrient Data Laboratory** (2 hours)

**Session Leaders:**     **David Haytowitz and Joanne Holden, USDA**

This workshop will provide attendees with information on the USDA National Nutrient Database for Standard Reference – its history, how it is assembled and what it contains. Information on NDL's Special Interest Databases will also be provided.

**2:45-3:15**                    **Break - Beverage and Snack**

**3:15-5:00**                    **Food Surveys Research Group** (2 hours)

**Session Leader:**        **Alanna Moshfegh, USDA**

This workshop will help participants gain understanding of the What We Eat in America, NHANES dietary data and documentation and the technical support files of the USDA Food and Nutrient Database for Dietary Studies. Topics to be covered will include the specifics of collection and dissemination of dietary data, food codes and descriptions, the newest special purpose database--the Food Intakes Converted to Retail Commodities Database, and soon to be released WWEIA Food Categories.

**6:00-9:00**                    **OPENING RECEPTION**  
*Sponsored by Carolyn Moore*

**MONDAY MARCH 26, 2012**

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

**8:00–9:00**                    **Breakfast will be provided**

**9:00-9:30**                    **WELCOME**  
*Susie Day, University of Texas School of Public Health, Local Arrangements Chair and Susie McNutt, Chair of NNDC Steering Committee*

**SESSION 1: MEETING PUBLIC HEALTH NEEDS OF CONSUMERS**

*Session Chairs: Susie Day and Susie McNutt*

- 9:30–10:10**      **Keynote Speaker: Suzanne Murphy, University of Hawaii, Emeritus**  
**Aligning Food Composition Tables with Current Dietary Guidance for Consumers**  
*2012 award recipient of an outstanding lifetime achievement in the area of nutrient databases.*
- 10:10-10:20**      **Award Presentation: Phyllis Stumbo and Susie McNutt**
- 10:20-10:35**      **Break**
- 10:35-10:55**      **Recent Trends in Ready-To-Eat Breakfast Cereals in the U.S.**  
Robin Thomas, USDA-ARS-Nutrient-Data Laboratory
- 10:55-11:15**      **Updates to the NHANES Dietary Supplement Data**  
Jaime Gahche, Centers for Disease Control and Prevention
- 11:15-11:35**      **Potential for Food and Nutrient Databases and Dietary Survey Data to Aid in Foodborne Illness Outbreak Investigations**  
Mercedes Estrada and Lisa Harnack, University of Minnesota
- 11:35-11:55**      **Assessment of Nutritional Intake during Space Flight and Space Flight Analogs**  
Barbara Rice, Enterprise Advisory Services, Inc
- 12:00–1:00**      **Lunch will be provided**
- 1:00-2:00**      **Poster Session with Presenters**

**SESSION 2: CONSIDERATIONS IN DYNAMIC CONSTRUCTION, ADMINISTRATION AND MANAGEMENT OF DATABASES**

*Session Chairs: Pamela Pehrsson and Joanne Holden*

- 2:00- 2:40**      **Keynote Speaker: Ruth Charrondiere; Food and Agriculture Organization**  
**Food Composition Databases-Needs, New Opportunities and International Collaboration**
- 2:40-3:00**      **Sources of Variability in the Flavonoid Content of Foods**  
David Haytowitz, USDA-ARS-Nutrient-Data Laboratory
- 3:00-3:20**      **ARS, USDA Updates Food Sampling Strategies to Keep Pace with Demographic Shifts**  
Pamela Pehrsson, USDA-ARS-Nutrient-Data Laboratory
- 3:20–3:40**      **Break**
- 3:40-4:00**      **USDA Monitors Levels of Added Sodium in Processed and Prepared Foods**  
Joanne Holden, USDA-ARS-Nutrient-Data Laboratory
- 4:00-4:20**      **Monitoring Sodium in Sentinel Foods**  
Alanna Moshfegh, USDA-Food Surveys Research Group
- 4:20-4:40**      **Methods for Calculating Dietary Energy Density in a Nationally Representative Sample**  
Jacqueline Vernarelli, Pennsylvania State University
- 4:40-5:00**      **Partners in Food Solutions – A Technology Transfer Initiative and Need for Developing a Nutrient Database to Help Produce Quality Nutritious Foods in Africa.**  
Indra Mehrotra, General Mills
- 5:00**      **Adjourn**

5:00-6:00 **\*\*Networking Opportunity with Colleagues in Lobby Lounge\*\***

6:00 **Board Bus to Dinner Banquet**

6:30-9:00 **Dinner Banquet**

Transportation provided to Pappasito's Cantina for "Legendary Tex-Mex" cuisine in one of Houston's most famous restaurants since 1983. It has the look of a border town cantina and the feel of a fiesta. Pappasito's serves amazing sizzling fajitas, mouth-watering enchiladas, unique desserts and some of the best chips and homemade salsa north of the Rio Grande. (Vegetarian option provided)

## **TUESDAY MARCH 27, 2010**

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

7:00-8:00 **Breakfast will be provided**

### **SESSION 3: NEW DEVELOPMENTS**

*Session Chairs: Lisa Harnack and Carol Boushey*

8:00-8:40 **Keynote Speaker: Jamie Coffin, Vice President and General Manager and Global Practice Lead, Dell, Health Care and Life Sciences**  
**Cloud Computing, Accelerating information-Driven Healthcare that Improves Health and Accelerates Innovation**

8:40-9:00 **Legibility of Nutrition Facts Panel and Ingredient Statement Images Captured using the Apple iPad 2**  
Denise King, University of Minnesota

9:00-9:20 **Digital Food Photography: Dietary Surveillance and Beyond**  
Noemi Islam, Baylor College of Medicine

9:20-9:40 **Unique Considerations in Modifying Food Composition Databases for Image-Based Dietary Assessment Methods Running on Small Mobile Devices**  
Carol Boushey, University of Hawaii Cancer Center

9:40-10:00 **Break**

### **SESSION 4: NEW DATABASES: WHAT IS AVAILABLE, WHAT IS NEEDED AND WHY**

*Session Chairs: Johanna Dwyer and Alanna Moshfegh*

10:00-10:40 **Keynote Speaker: John Milner, National Cancer Institute, NIH Coordinator of the National Food and Nutrition Analysis Program (NFNAP)**  
**Bioactive Food Component Databases: Opportunities and Challenges**

10:40-11:00 **Future Directions of the USDA-ARS National Nutrient Data: Outcomes from a Stakeholders' Workshop**  
John Finley, USDA

11:00-11:20 **Databases for the Future: Where Technology Can Take Us**  
James Harnly, USDA

11:20-11:40 **U.S Dietary Supplement Ingredient Database (DSID): Children's Multivitamin/Mineral (MVM) Results Released in DSID-2**  
Karen Andrews, USDA/ARS.

11:40-12:00 **Robust Nutrient Database is an Essential Ingredient for Product Development**  
Annette Olson, General Mills

12:00-1:15 Lunch will be provided

**SESSION 5: CHARACTERIZING DIETS ACROSS THE FOOD STREAM**

*Session Chairs: Phyllis Stumbo and Marie Kuczmarski*

1:15-1:55 **Keynote Speaker: Jill Reedy, National Cancer Institute**  
**Multi-level Dietary Analyses Requires Comprehensive, Standardized Data**

1:55-2:10 **Comparability between Available Databases at the Individual Level**  
*Liz Condon, Mathematica*

2:10-2:25 **Addressing Gaps in Market Level Databases**  
*Shu Wen Ng, University of North Carolina at Chapel Hill*

2:25-2:40 **Foods and Nutrients in the National Food Supply**  
*Jean Buzby, ERS, USDA*

2:40-3:10 **Panel discussion**  
*Susan Crockett, General Mills*  
*Susan Krebs-Smith, NCI*  
*Meghan Slining, University of North Carolina at Chapel Hill*

3:10-3:30 **Break**

**SESSION 6: INITIATIVES EMPOWERING CONSUMERS**

*Session Chairs: Diane Mitchell and Julie Gilmore*

3:30-4:30 **Keynote Speaker: Patricia Britten, USDA, Center for Nutrition Policy and Promotion**  
**SuperTracker Incorporates Food Composition Data into Innovative Online Consumer Tool**

4:30-4:50 **Initiatives Impacting Nutrition Databases**  
*Trish Zecca, Campbell Soup*

5:00 **Adjourn**  
  
*Free Evening (Dinner on Own)*

6:00-9:00 **\*\*Steering Committee Meeting and Dinner\*\***

**WEDNESDAY MARCH 28, 2012**

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

7:00-8:00 Breakfast will be provided

**SESSION 7: REGULATORY ISSUES INVOLVING DATABASES THAT HAVE IMPACTS ON INDUSTRY AND CONSUMERS**

*Session Chairs: Leila Saldanha and Elizabeth Braithwaite*

8:00-8:40 **Keynote Speaker: Jessica Leighton, Office of Food, Food and Drug Administration**  
**Nutrient Databases: Critical Tools for Regulation and Policy**

8:40-9:00 **Innovative Usage of Archival Versions of a Food and Nutrient Database to Track Trends in the Sodium Content of Menus at Leading Fast Food Restaurants**

