Friday, April 25, 2014

Sponsored Session: Deciphering the Evidence Behind Whole Food Nutrition and Disease Risk Reduction
8:30 AM–12:00 PM. San Diego Hilton Bayfront, Aqua Salon EF

Scientific Advances Supporting Dietary Recommendations
JT Dwyer, Jean Mayer U.S. Department of Agriculture (USDA) Human Nutrition Research Center on Aging and Tufts University School of Medicine

Saturday, April 26, 2014

Symposium 31. Fortification and Health: Opportunities and Challenges
8:00 AM–12:30 PM. San Diego Convention Center, Ballroom 20 D
Chairs: K Wiemer, General Mills, MN and JT Dwyer, ODS/National Institutes of Health (NIH), Bethesda, MD

8:35 Honoring John Milner
D Allison, University of Alabama at Birmingham, AL

9:00 U.S. experiences in food fortification
C Taylor, ODS/NIH, Bethesda, MD

10:00 The impact of fortification in the U.S. diet: A case study in children
RL Bailey, ODS/NIH, Bethesda, MD

12:00 Panel: Moving forward responsibly
JT Dwyer, ODS/NIH, Bethesda, MD, Tufts Medical Center, Boston, MA

Symposium 45. Energy Drinks: Current Knowledge and Critical Research Gaps
3:00 PM –5:00 PM. San Diego Convention Center, Ballroom 20 D
Sponsored by the ODS/NIH
Chairs: BC Sorkin and PM Coates, ODS/NIH, Bethesda, MD

3:00 Caffeine intake in U.S. children and adolescents
N Ahluwalia, National Center for Health Statistics/Centers for Disease Control and Prevention (NCHS/CDC), Hyattsville, MD

3:25 Disparities in energy product use and health outcomes: Potential mediators
M Grandner, University of Pennsylvania, Philadelphia, PA

3:50 Physiological, psychological, and behavioral effects of caffeine in children and adolescents
JL Temple, University of Buffalo, State University of New York (SUNY), Buffalo, NY

4:15 Energy drinks mixed with alcohol: What are the risks?
C Marczinski, Northern Kentucky University, Highland Heights, KY
Awards Competition 34. The Postdoctoral Research Award Competition
10:00 AM–12:00 PM. San Diego Convention Center, 29AB

11:30 Dietary flavonoid intake and breast cancer risk by hormone receptor status among postmenopausal women in a prospective U.S. cohort
Y Wang¹, SM Gapstur², MM Gaudet², JJ Peterson², JT Dwyer³, and ML McCullough.¹
¹Epidemiology, American Cancer Society, Atlanta, GA; ²Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA; ³School of Medicine and Jean Mayer USDA Human Nutrition Center on Aging, Tufts University, Boston, MA

Awards Competition 44. Graduate Student Research Award Competition
2:30 PM–5:30 PM. San Diego Convention Center, 29AB
Chair: C Davis, ODS/NIH, Bethesda, MD

Sunday, April 27, 2014
Visit the ODS booth #416 today from 9:00 a.m. to 4:00 p.m. to learn about ODS programs and resources.

Symposium 115. Not Everything That Counts Can Be Counted and Not Everything That Can Be Counted Counts: How Should We Collect Dietary Data for Research?
8:00 AM–10:00 AM. San Diego Convention Center, 31 ABC
Chair: RL Bailey ODS/NIH, Bethesda, MD
9:00 Importance of dietary data in setting national policy
E Yetley, ODS/NIH, Bethesda

Poster 634. Sports Nutrition: Dietary Supplements and Human Performance
7:30 AM–6:00 PM. San Diego Convention Center, Exhibit Halls A-D
12:45 (C203/634.1) When a dietary supplement product name says “energy,” what’s in the bottle?
LG Saldanha¹, JT Dwyer¹, RA Bailen¹, KA Andrews², RL Bailey¹, JM Betz¹, VL Burt³, HF Chang¹, RB Costello¹, NJ Emenaker¹, JJ Gahche³, JM Hamly³, CJ Hardy⁵, and PR Pehrsson². ¹ODS/NIH, Bethesda, MD; ²Agricultural Research Service (ARS)/USDA, Beltsville, MD; ³National Health and Nutrition Examination Survey (NHANES)/CDC, Hyattsville, MD; ⁴NLM/NIH, Bethesda, MD; ⁵National Cancer Institute (NCI)/NIH, Rockville, MD; ⁶Center for Food Safety and Applied Nutrition/Food and Drug Administration (CFSAN/FDA), College Park, MD

Poster 647. Dietary Bioactive Components: Dietary Bioactive Components of Medicinal, Functional, and Whole Foods (Including Probiotics and Fermented Foods)
7:30 AM–6:00 PM. San Diego Convention Center, Exhibit Halls A-D
1:45 (C399/647.40) Innate immune modulatory effects of elderberry polysaccharides in murine macrophage cell line RAW 264.7
C-H Lu, W Lei, and KL Fritsche, University of Missouri-Columbia, Columbia, MO

Poster 691. Aging and Renal Function
7:30 AM–6:00 PM. San Diego Convention Center, Exhibit Halls A-D
12:45 (A313/691.1) Attenuation of age-dependent chronic kidney disease by soy
EA Grunz-Borgmann, LA Nichols, B Valliyodan, MS Kerley, KL Fritsche, and AR Parrish, University of Missouri, Columbia, MO
AMERICAN SOCIETY FOR NUTRITION (ASN) AWARDS CEREMONY
6:00 PM • San Diego Hilton Bayfront, Indigo DH

Conrad A. Elvehjem Award for Public Service in Nutrition
SP Murphy, University of Hawaii at Mānoa

EV McCollum Award
JB Mason, Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University

Osborne and Mendel Award
PJ Stover, Cornell University

WO Atwater Lectureship
DB Allison, University of Alabama at Birmingham

Class of 2014 Fellows
L Bailey, University of Georgia
A Drewnowski, University of Washington
D Heber, University of California, Los Angeles
V Hubbard, National Institutes of Health
JR Prohaska, University of Minnesota Medical School
K Rasmussen, Cornell University
B Rogers, Tufts University
BO Schneeman, University of California, Davis
DA Schoeller, University of Wisconsin
A Yates, U.S. Department of Agriculture

Monday, April 28, 2014
Visit the ODS booth #416 today from 9:00 a.m. to 4:00 p.m. to learn about ODS programs and resources.

Symposium 266. The Future of Nutrition Research at NIH
3:00 PM–5:00 PM. San Diego Convention Center, 29AB
Chairs: S Ohlhorst, ASN, Bethesda, MD and C Davis, ODS/NIH, Bethesda, MD

3:00 ASN action to advance the future of nutrition research
G Jensen, Pennsylvania State University, University Park, PA

3:10 Nutrition funding at the National Heart, Lung, and Blood Institute (NHLBI)
A Ershow, NHLB/NIH, Bethesda, MD

3:25 Nutrition funding at the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)
K McMurry, NHLBI/NIH, Bethesda, MD

3:40 Nutrition funding at NCI
S Ross, NCI/NIH, Rockville, MD
Minisymposium 245. Nutrition Epidemiology: Dietary Supplements and Bioactives
8:00 AM–10:00 AM. San Diego Convention Center, Room 32B
Chairs: RL Bailey and PM Coates, ODS, NIH, Bethesda, MD

8:15 245.2. Comparison of dietary supplement intake reporting between the Automated Self-Administered 24-Hour Recall (ASA24) and Automated Multiple Pass Method (AMPM) recalls
TE Schap1, FE Thompson1, KW Dodd1, N Potischman1, SM George1, L Coleman2, JJ Gaheche3, G Alexander4, M Groesbeck5, LH Kahl6, HA Clancy7, M Sundaram1, SI Kirkpatrick8, S Dixit-Joshi8, TP Zimmerman9, D Douglass9, B Mittl9, RL Bailey10, and AF Subar1. 1NCI/NIH, Rockville, MD; 2Abbott Nutrition, Columbus, OH; 3NCHS/CDC, Hyattsville, MD; 4Henry Ford Health System, Detroit, MI; 5Information Management Systems, Silver Spring, MD; 6Kaiser Permanente Northern California, Oakland, CA; 7Marshfield Clinic Research Foundation, Marshfield, WI; 8University of Waterloo, Waterloo, ON; 9Westat, Rockville, MD; 10ODS/NIH, Bethesda, MD

9:00 245.5. Flavonoid intakes by adults in the United States: What We Eat in America, NHANES 2007–2008
RS Sebastian1, JD Goldman1, C Wilkinson Enns1, CL Martin1, LC Steinfeldt1, JT Dwyer2, AJ Moshtfeh1, and JA Milner1. 1ARS/USDA, Beltsville, MD; 2ODS, NIH, Bethesda, MD

9:30 245.7. Botanical initiative for the Dietary Supplement Ingredient Database: Green Tea Pilot Study
KW Andrews1, JM Palachuvattil1, PT Dang1, PA Gusev1, S Savarala1, PR Pehrsson1, JM Harly1, JT Dwyer2, JM Betz2, LG Saldanha2, RL Bailey2, RB Costello2, JJ Gaheche3, CJ Hardy4, and NJ Emenaker5. 1ARS/USDA, Beltsville, MD; 2ODS/NIH, Bethesda, MD; 3NCHS/CDC, Hyattsville, MD; 4CFSAN/FDA, College Park, MD; 5NCI/NIH, Bethesda, MD

Minisymposium 257. Aging: Nutrition, Physical Performance and Bone Health
10:30 AM–12:30 PM. San Diego Convention Center, Room 30D

11:30 257.5. Homocysteine and bone mineral density in older females in the United States
RL Bailey1, A Looker2, JJ Gaheche2, J Mills1, and C Weaver3. 1NIH, Bethesda, MD; 2NCHS, Hyattsville, MD; 3Purdue University, West Lafayette, IN

Poster 809. Nutrition Epidemiology: Research with Dietary Supplements and Bioactive Components
7:30 AM–6:00 PM. San Diego Convention Center, Exhibit Halls A-D

12:45 (C98/809.1) Dietary supplement research portfolio at the NIH
ML Garcia-Cazarin1, EA Wambogo1, RL Regan1,2, and CD Davis3. 1ODS/NIH, Bethesda, MD; 2Division of Nutrition Research Coordination (DNRC)/NIH, Bethesda, MD

12:45 (C100/809.3) Over-the-counter prenatal multivitamin/mineral products: Chemical analysis for the Dietary Supplement Ingredient Database
PA Gusev1, KW Andrews1, JM Palachuvattil1, PT Dang1, JM Roseland1, JM Holden1, S Savarala1, PR Pehrsson1, JT Dwyer2, JM Betz2, LG Saldanha2, RL Bailey2, RB Costello2, JJ Gaheche2, CJ Hardy2, NJ Emenaker2, and LW Douglass2. 1ARS/USDA, Beltsville, MD; 2ODS/NIH, Bethesda, MD; 3NCHS/CDC, Hyattsville, MD; 4CFSAN/FDA, College Park, MD; 5NCI/NIH, Bethesda, MD; 6Consulting Statistician, Longmont, CO
1:45 (C374/830.12) *Lessertia frutescens* (Sutherlandia) suppresses multiple intracellular signaling pathways associated with inflammatory responses in murine macrophages

W Lei, J Browning, P Eichen, Y Zong, D Chuang, C-H Lu, W Folk, G Sun, and K Fritsche, University of Missouri-Columbia, Columbia, MO

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**Tuesday, April 29, 2014**

Visit the ODS booth #416 today from 9:00 a.m. to 4:00 p.m. to learn about ODS programs and resources.

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**Symposium 368. Successful Scientist: What's the Winning Formula?**

8:00 AM–10:00 AM. San Diego Convention Center, 29 AB

8:00 Road map to government

*RL Bailey*, ODS/NIH, Bethesda, MD

**Symposium 418. 12-Lipoxygenase and Disease: New Insights into Regulation and Inhibition of a Critical Enzyme**

9:30 AM–12:00 PM. San Diego Convention Center, 2

9:30 12-Lipoxygenase-mediated fatty acid regulation of hemostasis and thrombosis

*MA Holinstat*, Thomas Jefferson University

**Symposium 387. Research Advances and Considerations for Investigating the Human Diet, Nutrient Utilization, and Microbiota Interface Across the Life Course**

3:00 PM–5:00 PM San Diego Convention Center, 31 ABC

Chairs: *C Davis*, ODS/NIH, Bethesda, MD and *J McDermid*, Cornell University, NY

3:00 Introduction

*C Davis*, ODS/NIH, Bethesda, MD

**Minisymposium 370. Nutritional Epidemiology: Nutrition and Chronic Disease Epidemiology**

8:00 AM–10:00 AM. San Diego Convention Center, Room 30D

9:45 370.8. Multivitamin-mineral use and cardiovascular disease mortality in the United States

*RL Bailey*¹, *T Fakhoun*², *Y Park*¹, *JT Dwyer*¹, *P Thomas*², *K Dodd*¹, *J Gahche*², *P Miller*³, *C Sempos*⁴, and *D Murray*¹. ¹NIH, Bethesda, MD; ²NCHS, Hyattsville, MD; ³Exponent, Chicago, IL

**Minisymposium 369. Nutritional Epidemiology: Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets**

8:00 AM–10:00 AM. San Diego Convention Center, Room 32A

Chairs: *N Ahluwalia*, NCHS/CDC, Hyattsville, MD and *P Guenther*, Center for Nutrition Policy and Promotion (CNPP)/USDA, Alexandria, VA


*RS Sebastian*¹, *JD Goldman*¹, *C Wilkinson Enns*¹, *CL Martin*¹, *LC Steinfeldt*¹, *JT Dwyer*², *AJ Moshfegh*¹, *JA Milner*¹. ¹USDA, Beltsville, MD; ²ODS/NIH, Bethesda, MD
Minisymposium 425. Integrative Systems, Translational and Clinical Pharmacology Division
Young Investigator Awards Platform Session
3:00PM–5:30 PM San Diego Convention Center, 5A
Chairs: M Holinstat and R Corriden, Thomas Jefferson University

4:50 425.1. PAR4 mediates an elevated risk for thrombosis in blacks relative to whites
B Tourdot, K Niisuke, and M Holinstat, Thomas Jefferson University

Wednesday, April 30, 2014

Poster 5512. Vitamins, Minerals, and Bioactives
7:30 AM–5:30 PM. San Diego Convention Center, Sails Pavilion

10:00 (LB420/LB420). Profiling cocoa-derived flavanols and their metabolites in serum, urine, liver, and intestinal contents of pigs fed flavanol-enriched cocoa powder
S Jang¹, J Sun¹, P Chen¹, A Molokin¹, S Lakshman¹, J Hamly¹, JF Urban¹, G Solano-Aguilar¹, and CD Davis². ¹ARS/USDA, Beltsville, MD; ²ODS/NIH, Bethesda, MD

Poster 3975. Integrative Systems, Translational and Clinical Pharmacology
7:30 AM–5:30 PM. San Diego Convention Center, Sails Pavilion

12:30 (LB602/LB602). PAR4 mediates an elevated risk for thrombosis in blacks relative to whites
B Tourdot, K Niisuke, and M Holinstat, Thomas Jefferson University

The NIH ODS provides accurate and up-to-date scientific information about dietary supplements.
Visit the ODS Website at http://ods.od.nih.gov to sign up for the ODS listserv.

Check it Out • New ODS Resource For Researchers:
The Dietary Supplement Label Database (DSLD) is a public use database designed to capture label information from virtually all dietary supplement products offered for sale in the United States. Launched in June 2013, the DSLD currently contains more than 30,000 labels, with 1,000 new labels entered monthly.

DSLD Website: http://DSLD.NLM.NIH.gov/