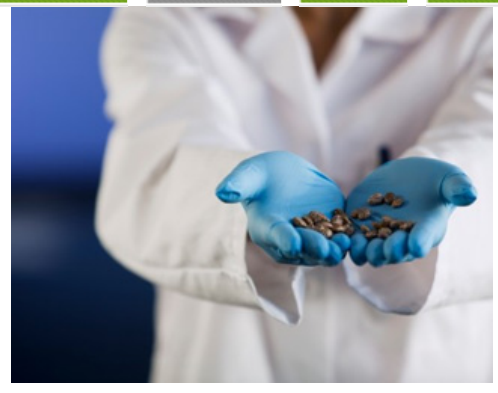




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2009 ASN Scientific Sessions at EB2009



This page represents the ASN Scientific Sessions which were presented at EB2009. Included are the major symposia, workshop, conference, special sessions, lectures, Presidential Symposia, minisymposia and poster sessions. Following the scientific session listings, are the society special functions, social events, business meetings which were also held in New Orleans in the spring of 2009. Please note that titles published here are an exact replica of material received. All titles were converted to the EB2009 Program Book style to which we are all accustomed.

ASN's Scientific Sessions and Annual Meeting at EB 2009 took place April 18-22, in New Orleans, LA.



Friday, April 17, 2009 (all day, beginning at 7:30AM; no registration fee but participants must register to attend):

33rd National Nutrient Databank Conference: Innovations in Food Composition and Nutrition Research: A Global Perspective. Info at: http://www.nal.usda.gov/fnic/foodcomp/conf/33NNDC_Reg_Form.pdf

Friday, April 17, 2009

1:00-5:00PM: Symposium: CARIG. Molecular Aspects of Carotenoid Metabolism. Chairs: Lewis Rubin and Sherry Tanumihardjo

Saturday, April 18, 2009

8:00-NOON: ASN/ILSI Conference: ILSI Functional Foods for Health Promotion: The State-of-the-Science on Dietary Flavonoids. Chairs: John Milner and Doug Balentine

• ASN Annual Meetings at Experimental Biology

- Submit an Abstract for EB 2010!
- Save the Date for EB 2010! April 24th-28th, 2010 in Anaheim, California
- EB2010 Preliminary Program
- ▶ 2009 ASN/EB Program
- Scientific Sessions and Annual Meeting at EB
- EB Archives

• Other Upcoming Meetings and Professional Development Events

- [FASEB Summer Research Conferences](#)

10:30-12:30PM: Symposium: Medical Nutrition Council: Cachexia and Wasting: Recent Breakthroughs in Understanding and Opportunities. Chairs: Tom Ziegler, Vicky Baracos and William J. Evans [*Sponsored by the Medical Nutrition Council*]

10:30-12:30PM: Special Session: Extramural Research at the NIH: How Does It Work? Chair: Sooja Kim

1:30-3:00PM: Clinical Emerging Leaders Oral Competition. Chair: Tom Ziegler

2:00-5:15PM: ASN/Procter & Gamble Graduate Student Research Award Oral Competition: Chairs: Shelley McGuire and Carl Keen

3:00-5:00PM: Symposium: Medical Nutrition Council: An Integrative View of Obesity. Chairs: Caroline Apovian, David Heber and George Blackburn [*Sponsored by the Medical Nutrition Council*]

3:00-5:00PM: Symposium: Nutrition in Global Health Education. Chairs: Richard Deckelbaum, Douglas Heimburger, Grace Marquis and Richard Eisenstein [*Sponsored by the GPEC Education Forum, and the International Nutrition Council (INC)*]

3:00-5:00PM: Minisymposium: Piglet Model of Perinatal Growth, Nutrition and Digestive Physiology. Chairs: Jack Odle and Teresa Davis

3:00-5:00PM: Minisymposium: CARIG (Carotenoids). Chairs: Elizabeth Johnson and Robert Russell

4:15-6:00PM: Special Session: Student Interest Group: Opportunities for the New Graduate: Professional and Entrepreneurial Options for the M.S., Ph.D. and R.D. Chair: Tricia Psota

Sunday, April 19, 2009

8:00-10:00AM: ASN Presidential Session Series: Frontiers in Nutrition Research: The Evolution of Epigenetics. Speakers: Randy Jirtle and Kevin Sinclair. Chair: ASN President, James Hill

10:30-12:30PM: Symposium: DHA and Neurodegenerative Disease: Models of Investigation. Chairs: Jay Whelan and Robert McNamara

10:30-12:30PM: Symposium: Nutrition in Inflammation and Cardiovascular Disease. Chairs: Jose Ordovas and Ronenn Roubenoff [*Sponsored by the ASN Graduate Professional Education Committee (GPEC) and the Medical Nutrition Council (MNC)*]

10:30-12:30PM: Minisymposium: Food Intake Regulation. Chairs: Mark Kern and Heather Leidy

10:30-12:30PM: Minisymposium: Childhood Obesity: Nutrition Education Programs and Interventions. Chairs: Barbara Lohse and Nancy Lewis

10:30-12:30PM: Minisymposium: Micronutrient Mediated Physiologic Responses. Chairs: Richard Bruno and Maret Traber

10:30-12:30PM: Minisymposium: Dietary Bioactive Compounds Including Botanicals. Chairs: Suzanne Hendrich and Mario Ferruzzi

10:30-12:30PM: Minisymposium: Iron. Chairs: Okhee Han and John Beard

3:00-5:00PM: Workshop: Obesity and Cancer: The Transdisciplinary Research on Energetics and Cancer (TREC) Initiative. Chairs: Johanna Lampe and Mindy Kurzer [*Sponsored by the Diet and Cancer RIS and the Energy and Macronutrient Metabolism RIS*]

3:00-5:00PM: Symposium: Eating Patterns and Energy Balance: A Look at Eating Frequency, Snacking, and Breakfast Omission. Chairs: Megan McCrory and Wayne Campbell [*Sponsored by the Energy and Macronutrient Metabolism RIS*]

3:00-5:00PM: Minisymposium: Nutrition, Function, and Aging. Chair: Joe Sharkey

3:00-5:00PM: Minisymposium: Diet-Gene and Nutrient-Gene Interactions. Chairs: Mazen Hamadeh and Ji-Young Lee

3:00-5:00PM: Minisymposium: Nutritional Immunology. Chairs: Kathleen Hoag and Dayong Wu

3:00-5:00PM: Minisymposium: Dietary Bioactive Compounds V: Fermented Foods and Probiotics. Chairs: Kun-Young Park and James Daily

3:00-5:00PM: Minisymposium: Vitamin D: Assessment, Status and Content in Foods. Chairs: Lisa Spence and Jasminka Ilich-Ernst

POSTERS

There will be 'like' titles throughout the poster session listings. These will be resolved in the program with Roman Numerals, i.e. Iron I, Iron II. The posters are listed to provide our members with subject matter for viewing on each of the meeting days on which posters are scheduled. Latebreaking posters will not be listed on this site.

Nutrition Translation from Bench to Consumer

Energy and Macronutrient Metabolism

Micronutrient Bioavailability and Biomarkers

PUFAs and Health

Carbohydrate Metabolism

Food Intake Regulation

Human Milk and Lactation

Aging and Chronic Disease

Nutrition Assessment in Older Populations

Dietary Supplement Use

Dietary Patterns and Dietary Quality in Relation to Health Outcomes

Nutrition Epidemiology

Nutrition Education

Nutrition and Function

Maternal Nutrition and Metabolic Programming

Epigenetics

Nutrigenomics and Nutriproteomics

One-Carbon Metabolism Nutrients

Biomarkers of Cancer

Obesity, Aging and Cancer

Dietary Fiber and Cancer

Food Components That Prevent Cancer

Animal Models and Cancer Prevention

Dietary Bioactive Compounds II: Chronic Disease Risk

Dietary Bioactive Compounds IV: Anti-Cancer Medicinal Foods

Dietary Bioactive Compounds IV: Antioxidant Medicinal Foods

Vitamin K

Mathematical Modeling

Monday, April 20, 2009

8:00-10:00AM: Symposium: Nutrients and Epigenetic Regulation of Gene Expression. Chairs: Emily Ho and Janos Zemleni [*Sponsored by the Vitamin and Mineral RIS and the Nutrient-Gene RIS*]

8:00-10:00AM: Symposium: Immunodulatory Components in Human Milk. Chairs: Sharon Donovan and Nancy Krebs [*Sponsored by the Human Milk and Lactation RIS*]

8:00-10:00AM: Minisymposium: Energy Balance, Macronutrient Composition and Weight Loss. Chairs: Matt Pikosky and Danielle Day

8:00-10:00AM: Minisymposium: Nutritional Interventions for Health Promotion. Chairs: Tom Ziegler and Kelly Tappenden

8:00-10:00AM: Minisymposium: Dietary Patterns and Dietary Quality in Relation to Health Outcomes. Chair: Anna Maria Siega-Riz

8:00-10:00AM: Minisymposium: Vitamin A and Retinoids. Chair: William Blaner

8:00-10:00AM: Minisymposium: Zinc. Chairs: James McClung and Shannon Kelleher

10:30-12:30PM: Symposium: Nutritional Sciences Council: Nutritional Experiences in Early Life as Determinants of the Adult Metabolic Phenotype. Chairs: Douglas Burrin and Jack Odle [*Sponsored by the Nutritional Sciences Council*]

10:30-12:30PM: Symposium: Where Is the Science: Do Current Nutrition Profiling/Food Scoring Systems Promote Consumer Intake of Nutrient Dense Foods? Chairs: Cathy Kapica and Shirley Gerrior [*Sponsored by the Nutrition Translation-from bench to consumer RIS and the Nutrition Education RIS*]

10:30-12:30PM: Minisymposium: Maternal Nutrition and Metabolic Programming. Chair: Shawn Donkin

10:30-12:30PM: Minisymposium: Animal Models for Bone Health. Chair: Chad Stahl

10:30-12:30: Minisymposium: Nutrition and Inflammation. Chairs: Tom Ziegler and Kelly Tappenden

10:30-12:30PM: Minisymposium: Diet and Cancer. Chairs: Eva Schmelz and Nancy Turner

10:30-12:30PM: Minisymposium: Assessing Diet Using New Technology. Chair: Carol Boushey

12:30-2:30PM: Presidential Session Series: Public Policy Symposium: Informing the Health Care Reform Debate: the Role of Science, Nutrition Research and ASN. Chair: ASN President, James Hill

3:15-5:15PM: Symposium: ASN Public Information Committee. Debate: Which Are More Atherogenic, Saturated Fats or Carbohydrates? Chairs: Gregory D Miller and Roger Clemens

3:00-5:00PM: Symposium: Translational Research from Bench to Behavior: Calcium Intake and Bone Health in Youth. Chairs: Ann Ferris and Cathy Kapica [*Sponsored by the Nutrition Education RIS and the Nutrition Translation-From Bench to Consumer RIS*]

3:00-5:00PM: Minisymposium: Protein and Amino Acid Metabolism. Chairs: Melinda Moore and Blake Rasmussen

3:00-5:00PM: Minisymposium: Nutrient-Sensing Mechanisms. Chairs: Tracy Anthony and Manabu Nakamura

3:00-5:00PM: Minisymposium: Nutrition Epidemiology. Chairs: Ka He and Anna Maria Siega-Riz

3:00-5:00PM: Minisymposium: Dietary Bioactive Compounds - Mechanisms of Action and Molecular Targets. Chair: Josh Bomser

3:00-5:00PM: Minisymposium: Impact of Diet and Genetics on Copper-Dependent Functions. Chairs: Joseph Prohaska and Janet Uriu-Hare

Posters

Dietary Bioactive Compounds Including Botanicals

Dietary Bioactive Compounds - Mechanisms of Action and Molecular Targets

Dietary Bioactive Compounds III: Antioxidants and Free Radicals

Dietary Bioactive Compounds V: Fermented Foods and Probiotics

Energy Balance, Macronutrient Composition and Weight Loss

Lipid and Fatty Acid Metabolism and Transport

Dietary Factors Affecting Lipid Metabolism

Nutritional Interventions for Health Promotion

Diet-Gene and Nutrient-Gene Interactions

Genetic Variation and Response to Diet

Regulation of Mineral Metabolism

Diet and Endocrine Effects on Copper Biology

Selenium

Antioxidant Nutrients

Vitamin A and Retinoids

Calcium, Phosphorus, Magnesium and Vitamin D

Experimental Animal Nutrition

Animal Nutrition Strategies: Implications on Human Health

Medical Nutrition/Education

Community and Public Health Nutrition

Community and Public Health Nutrition Interventions

Diet, Food Security, and Health Promotion

Protein and Amino Acid Metabolism

Tuesday, April 21, 2009

8:00-10:00AM: Symposium: Novel Therapeutic Advances Through the Development of Selective *PPAR* γ Modulators from Bench to Bedside. Chairs: Christos Mantzoros and Steven Kliewer

8:00-10:00AM: Minisymposium: Polyunsaturated Fatty Acids and Health. Chair: Jay

Whelan

8:00AM-10:00: Minisymposium: One Carbon Metabolism Nutrients. Chair: Patrick Stover

8:00-10:00AM: Minisymposium: Community and Public Health Nutrition. Chairs: Christine Blake and Grace Marquis

8:00-10:00AM: Minisymposium: Dietary Bioactive Compounds III: Antioxidants and Free Radicals

8:00-10:00AM: Minisymposium: Selenium Molecular Biology and Metabolism in Health and Disease. Chairs: Roger Sunde and Vladimir Gladyshev

10:30-12:30PM: Symposium: History of Nutrition: The development and Legacy of the INCAP Oriente Studies 1969-2008. Chairs: Jean-Pierre Habicht and Reynaldo Martorell [Sponsored by the History of Nutrition RIS and the International Nutrition Council]

10:30-12:30PM: Symposium: Conflicts of Interest in Funding Food Science and Nutrition Research: Principles for Preserving Scientific Integrity. [ASN PIC Media Session] Chairs: Sylvia Rowe and Kevin Fritsche. Program Planner: Heather Steele [Co-sponsored by the ASN Public Information Committee]

10:30-12:30PM: Minisymposium: Measurement Issues Related to Dietary Supplement Use. Chairs: Suzanne Murphy and Johanna Dwyer

10:30-12:30PM: Minisymposium: Tailoring Nutrition Education Interventions for Diverse Audiences. Chairs: Karen Chapman-Novakofski and Susan S. Baker

10:30-12:30PM: Minisymposium: Lipid and Fatty Acid Metabolism and Transport. Chairs: Eric Yen and Douglas Mashek

10:30-12:30PM: Minisymposium: Human Milk and Lactation. Chairs: Kathleen Rasmussen and Mark Cregan

10:30-12:30PM: Minisymposium: Dietary Bioactive Compounds II: Chronic Disease Risk Reduction. Chair: Susan Mertens-Talcott

10:30-12:30PM: Minisymposium: Selenium Biomarkers, Requirements and Selenoproteins. Chairs: Roger Sunde and Kristina Hill

12:45-1:45PM: Lecture: The WO Atwater Lecture [Sponsored by the USDA, Beltsville] Lecturer: Steven Zeisel, University of North Carolina at Chapel Hill

3:00-5:00PM: Symposium: Nanotechnology Research: Applications in Nutritional Sciences. Chairs: Sharon Ross and Pothur Srinivas [Sponsored by the Dietary Bioactive Components RIS and the Nutrition Translation RIS]

3:00-5:00PM: Symposium: Access to Healthy Food: The Next Frontier for Research on Domestic Food Insecurity. Chair: Donald Diego Rose [Tentatively sponsored by the Community and Public Health Nutrition RIS]

3:00-5:00PM: Minisymposium: Dietary Factors Affecting Lipid Metabolism. Chairs: Sean Adams and Jack Odle

3:00-5:00PM: Minisymposium: Carbohydrate Metabolism. Chair: Mark Haub

3:00-5:00PM: Minisymposium: Evaluations of Policies and Programs to Improve Child Nutritional Status. Chairs: Laura Caulfield and Ed Frongillo

3:00-5:00PM: Minisymposium: Dietary Bioactive Compounds IV: Medicinal Food. Chairs: Myung-Sook Choi and In-Sook Kwun

Posters

CARIG (Carotenoids)

Diet and Cancer

Diet, Nutrition and Cancer

Dietary Bioactive Compounds IV: Anti-Inflammatory Medicinal Foods

Dietary Bioactive Compounds IV: Hypoglycemic Medicinal Foods

Dietary Bioactive Compounds IV: Cardiovascular Medicinal Foods

Dietary Bioactive Compounds IV: Medicinal Foods

Animal Models of Perinatal Growth, Nutrition and Digestive Physiology

Micronutrient Mediated Physiologic Responses

Companion Animal Nutrition

Animal Growth and Bone Health

Nutritional Immunology

Immune Function

Nutritional Control of Immunity in Health and Chronic Disease

Nutrition and Inflammation

Exercise and Metabolism

The Effect of Environmental or Behavioral Factors on Dietary Intake Patterns in Children

Early Life Nutrition and the Development of Adult Onset Disease

Childhood Obesity: Nutritional Consequences, Metabolism, and Treatments

Nutritional Epidemiology

International Nutrition

Micronutrients

Nutrition, Infection and Food Insecurity

Intestinal Metabolism and Adaptation

Diet and Disease

Iron

Zinc

Measuring the Food Environment

Soy and Potential Health Benefits

Wednesday, April 22, 2009

8:00-10:00AM: Symposium: Unite the Sciences to Ignite Innovation - Translating Dietary Guidelines into Foods Consumers Want to Eat. Chairs: Guy Johnson and Indra Mehrotra

10:30-12:30PM: Symposium: "Key Events Framework": An Innovative Approach for assessing Safe Nutrient Intake Levels. Chairs: Robert Russell and Dennis Bier

RESEARCH INTEREST SECTION (RIS) MEETINGS

RIS CHAIRS LUNCHEON MEETING

Sat., 12:00PM – New Orleans Marriott, Balcony L

RIS BUSINESS MEETINGS (B); RECEPTIONS (R); POSTER COMPETITIONS (P);
LECTURES (L); MIXERS (M) (*in chronological order*)

Vitamins and Minerals (B), (P), (R)

Sat., 4:00PM – Convention Center, R07

Nutrition Epidemiology (P), (R)

Sat., 5:00PM – New Orleans Marriott, Balcony JK

Community and Public Health Nutrition (B)

Sat., 5:00PM – New Orleans Marriott, Balcony N

Energy and Macronutrient Metabolism (B)

Sat., 5:30PM – New Orleans Marriott, Ballroom D

Aging and Chronic Disease (B)

Sat., 5:00PM – New Orleans Marriott, Balcony L

Nutrient-Gene Interaction (B), (P)

Sat., 5:30PM – New Orleans Marriott, Galerie 3

Planning Meeting for New Obesity RIS

Sat., 6:00PM – New Orleans Marriott, Regent

Experimental Animal Nutrition (B), (P), (R)

Sat., 6:00PM – New Orleans Marriott, Mardi Gras Salons FGH

VARIG/CARIG (P), (R)

Sat., 6:00PM – New Orleans Marriott, Galerie 4, 5, 6

Dietary Bioactive Compounds (B)

Sat., 6:00PM – New Orleans Marriott, Mardi Gras Ballroom E

Energy and Macronutrient Metabolism (P), (R)

Sat., 6:30PM – New Orleans Marriott, Galerie 1 & 2

Diet and Cancer (B)

Sun., 12:00PM – Convention Center, R08

Nutritional Immunology (B), (P), (R)

Sun., 12:30PM – New Orleans Marriott, Balcony K

Human Milk and Lactation [Luncheon] (B)

Sun., 12:45PM – New Orleans Marriott, Balcony J

Nutrition Translation From Bench to Consumer (B)

Sun., 1:00PM – Convention Center, R07

Student Interest Group (SIG) Visit with the Fellows

Mon., 10:30 AM – New Orleans Marriott, Bonaparte

Mathematical Modeling (B)

Mon., 12:00PM – New Orleans Marriott, Bonaparte

Nutrition Education (B)

Mon., 5:00PM – Convention Center, 338-339

SPECIAL SESSIONS (SS); BUSINESS MEETINGS (B); COUNCIL MEETINGS (C);
LECTURES (L); RECEPTION (R) (*in chronological order*)

Sustaining Members Industry Forum

Fri., 4:00PM – New Orleans Marriott, Balcony I

(Followed by invitation only reception and dinner offsite)

Medical Nutrition Council (B) and Lunch

Sat., 12:30PM – Convention Center, 341

Orientation for First Time *EB* Attendees and New ASN Members
Sat., 2:00PM – Convention Center, 337

Nutritional Sciences Council (R), (B)
Sat., 4:00PM – New Orleans Marriott, Balcony M

Award Winners Reception
Sat., 7:45PM– 9:30PM

Hermann-Grima Gallier Historic House and Courtyard
820 Saint Louis St
New Orleans, LA 70112
TEL: 504-525-5661

(by invitation only)

Graduate Student Breakfast (SS)
Sun., 7:15AM – New Orleans Marriott, Balcony IJ

Awards Ceremony (SS)
Sun., 5:30PM – New Orleans Marriott, Mardi Gras Ballroom E-H

Reception for the Membership and University Mixer (SS)
Sun., 7:00PM – New Orleans Marriott, Mardi Gras Ballroom A-D

Department Heads Breakfast (SS)
Mon., 7:15AM – New Orleans Marriott, Balcony J

(Supported by an educational grant from the Kellogg Company)

Fellows Luncheon (SS)
Mon., 11:30AM – New Orleans Marriott, Balcony K

Society Business Meeting (B)
Mon., 5:30PM – New Orleans Marriott, Galerie 2

International Nutrition Council (B), (P), (L)
Mon., 6:30PM – New Orleans Marriott, Balcony LMN

(Kellogg International Prize Lecturer: Juan Rivera from the National Institute of Public Health in Mexico)

(Supported by an educational grant from the Kellogg Company)

The ASN Journals' Reception
Mon., 7:00PM – 10:00PM

"The Court of the Two Sisters"
613 Royal Street, New Orleans

(by invitation only)

International Nutrition Council (R)
Mon., 8:00PM – New Orleans Marriott, Mardi Gras Ballroom GH

1. Atwater Memorial Lecture

Tues., 12:45PM – Convention Center, Nouvelle C

Lecturer: Steven Zeisel, The University of North Carolina at Chapel Hill

(Supported by an educational grant from the USDA/ARS Beltsville)

(A reception will follow outside of Nouvelle C at 1:45PM)

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