Official Scientific Program of the American Society for Nutrition's Scientific Sessions at EB 2015 - Boston, Massachusetts
All rooms listed are in the Convention Center unless otherwise noted.

<table>
<thead>
<tr>
<th>SATURDAY, March 28, 2015</th>
<th>SUNDAY, March 29, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 10:00 AM</td>
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<tr>
<td>10:30 AM – 12:30 PM</td>
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<td>12:45 – 2:45 PM</td>
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<tr>
<td>3:00 – 5:00 PM</td>
<td>3:00 – 5:00 PM</td>
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</tbody>
</table>

**Ballroom East**

- Creating the Future of Evidence-based Nutrition Recommendations Using Lipid Research Case Studies (ILSI)
  K.H. Rubin and J.T. Dwyer

- Emerging Leaders in Nutrition Science Poster Competition
  5:00 – 7:00 PM

- Translational and Transformational Concepts in Amino Acid Sensing
  S. Hutson and T.G. Anthony

- Presidential Symposium: Nutrition and Developmental Origins of Health and Disease
  S.N. Meydani

- Human Variability & Physiological Extremes: Blessing or Curse?
  S.H. Adams and D.B. Allison

**157 ABC**

- Maternal/Fetal Interactions: Looking at Various Animal Models
  G.M. Hill and T.A. Davis

- Nutritional Approaches for Osteosarcopenic Obesity: Interrelationships between Bone, Muscle and Fat
  B.H. Arjmandi and C. Castaneda-Sceppa

- Determinants of Disease Risk in the Postprandial Period
  B.O. Schneeman and T.M. Rains

- Do We Need Preconception Nutrition Interventions to Improve Birth Outcomes Beyond the Prevention of Neural Tube Defects?
  U. Ramakrishnan and J.C. King

**Education Track Room 151 AB**

- Clinical Emerging Leaders Award Competition
  8:00 AM – 9:30AM
- ASN Young Minority Investigator Oral Competition
  11:30 – 1:00 PM
- Graduate Student Research Award Competition
  1:30 – 4:30 PM

- The eNutrition Academy: Supporting a New Generation of Nutritional Scientists Around the World
  S.M. Donovan and C.A. Geissler

- NOF/ASN Statement: Peak Bone Mass Development and Lifestyle Factors
  International Forum-Korea

**Education Track Room 152**

- EMM: Energy Balance, Macronutrients and Weight Management
  9:30 AM – 11:30 PM
- The Postdoctoral Research Award Competition
  11:30 – 1:00 PM
- ASN Young Minority Investigator Oral Competition
  1:30 – 4:30 PM

- Nutr. Epi: Epidemiological Research Addressing Diet and Health Outcomes
  Global Nutrition: Understanding and Predicting Program Impact
  Comm Pub Hlth Nutr: Community and Public Health Nutrition Interventions

- Nutr. Epi: Innovation and Validation of Dietary Assessment Tools and Their Applications
  Comm Pub Hlth Nutr: Food Environment

- Nutr. Epi:  Epidemiological Research Addressing Diet and Health Outcomes
  Nutr Edu: Childhood Obesity Prevention

- Nutr Trans: Nutrition Science for Public Policy, Practice and the Consumer
  Animal: Comparative Animal Nutrition and Physiology

**This overview includes sessions programmed by ASN’s Scientific Program Committee. View ASN's Society Highlights and Guest Society Highlights in the onsite program for Council, RIS and other activities.**
### Official Scientific Program of the American Society for Nutrition's Scientific Sessions at EB 2015 - Boston, Massachusetts

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<table>
<thead>
<tr>
<th>Time</th>
<th>MONDAY, March 30, 2015</th>
<th>TUESDAY, March 31, 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 - 10:00 AM</td>
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<td>10:30 AM - 12:30 PM</td>
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<td>1:45 - 2:45 PM</td>
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<td>3:00 - 5:00 PM</td>
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</tr>
<tr>
<td>8:00 - 10:00 AM</td>
<td></td>
<td>W.O. Atwater Lecture 12:45-1:45 PM</td>
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<tr>
<td>10:30 AM - 12:30 PM</td>
<td></td>
<td>Pediatric Neurocognitive Development: Emerging Insights and Applications in Nutrition M. Alonso-Alonso and E. C. Radlowski</td>
</tr>
<tr>
<td>12:45 - 2:45 PM</td>
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<tr>
<td>3:00 - 5:00 PM</td>
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</tbody>
</table>

### Ballroom East

**Dietary Fiber, Gut Microbiota and Kidney Function**  
C.J. Ketchum and C. Pelkman

**Low-Calorie Sweeteners and Health: What Does the Science Tell Us?**  
D. Greenberg and J.D. Fernstrom

**G.A. Levelle Lecture 1:45-2:45 PM**  
E. Mayer and W. A. Walker

### 157 ABC

**Integrated Nutrition and Early Child Development Interventions: Preventing Health and Economic Disparities**  
K. Hurley and S. Fernandez-Rao

**Research Reporting in the 21 Century: How it is Different and Why You Should Care**  
N. Fukagawa

**Approaches to Account for the Effects of Inflammation on Nutrient Biomarkers: Nutrition Determinants of Anemia (BRINDA) Project**  
R. Flores and D. Raiten

**Is "When" We Eat as Important as "What" We Eat? - Chronobiological Aspects of Food Intake**  
L. Sanders and C.E. O’Neil

**Food and Nutrition Board Update: New Directions in Food, Nutrition, and Population Health**  
A. Yaktine and S. P. Murphy

**Improving Cardio-Skeletal Health by Exploring the Heart - Bone Connection**  
C. M. Weaver

### 151 AB

**Being "Social": How Scientists Can Find their Way in a 24-Hour Digital World**  
M.A. Johnson and V. Vieira-Potter

**International Forum- ICAN/South America**

**Establishing Yourself as an Expert**  
E. Ciappio and M. N. Henderson

**International Forum- Taiwan**

**History of Nutrition: The Long Road Leading to the Dietary Reference Intakes**  
A. Yaktine and F.A. Nielsen

### 152

**EMM: Lipid and Fatty Acid Metabolism and Transport**

**EMM: Obesity and the Metabolic Syndrome**

**EMM: Protein Intake and Health Implications**

**EMM: Carbohydrate Metabolism**

**EMM: Metabolic Phenotyping, Metabolomics and Biomarkers**

**EMM: Dietary Fatty Acids and Health**

### 153A

**DBC: Bioavailability, Metabolism, and Biomarkers of Dietary Bioactive Components**

**DBC: Dietary Bioactive Components and Markers of Chronic Disease: Human Intervention Studies**

**DBC: Effects of Dietary Bioactive Components in Animal Models of Chronic Disease Risk**

**DBC: Dietary Bioactive Compounds of Medicinal, Functional, and Fermented Foods**

**DBC: Antioxidant and Anti-Inflammatory Effects of Dietary Bioactive Components**

**DBC: Effects of Dietary Bioactive Components in Animal Models of Obesity and Cardiometabolic Risk**

### 153B

**Nutr. Epi Research with Dietary Supplements and Bioactive Components**

**Nutr. Epi: Nutrition and Chronic Disease Epidemiology**

**Nutr. Epi: Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets**

**Nutr. Epi: Epidemiologic Methods in Examining Health Outcomes in Diverse Populations**

**Global Nutrition: Understanding Pathways to Intervention Impact**

**Global Nutrition: Recent Advances in Biomarker Development and Use**

### 153C

**Comm Pub Hlth Nutr: Health Disparities and Promoting Health in Diverse Populations**

**Comm Pub Hlth Nutr: Food Security and Its Connections to Nutrition and Health**

**Comm Pub Hlth Nutr: Policy and Systems Approaches in Community and Public Health Nutrition**

**Comm Pub Hlth Nutr: Food Environment II**

**Nutrition Across the Lifespan (Co-sponsor: Aging, Obesity and Nutrition Translation)**

**Nutrition Across the Lifespan: Early Childhood Nutrition**

### 154

**Nutr Immunology: Nutrition, Immunity and Infection**

**MNC: Nutrition and the Microbiome**

**MNC: Interventions for the Treatment and Prevention of Nutrition-Related Diseases**

**Aging: Risk Factor Modification for Healthy Aging**

**MNC: Nutrition and Inflammation**

**Nutrient-Gene Interactions: Obesity and Inflammation**

### 156A

**Vit Min: Water and Fat Soluble Vitamins and Chronic Disease**

**Vit Min: Micronutrient Interventions**

**Nutrient-Gene Interactions: Genomics, Proteomics, and Metabolomics**

**Nutrition Policies, Programs, and Public-Private Partnerships**

**Diabetes and Cancer: Fat versus Fiber in Colon Cancer: Opposite in the End?**

**Diabetes and Cancer: Uncovering the Role of Diet in Cancer Prevention: Population Based Studies**

### 156B

**Obesity: Chronic Diseases**

**Nutr Edu: Nutrition Education and Behavior Change**

**Obesity: Childhood Obesity Management**

**Obesity: Gut Microbiome and Obesity**

**Nutr Edu: Developing Healthy Eating and Physical Activity Behaviors Across the Lifespan**

### 156C

**Animal: Animal Models of Nutrition and Intestinal Disease**

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This overview includes sessions programmed by ASN's Scientific Program Committee.

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<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 – 10:00 AM</td>
<td>Ballroom East</td>
<td>Resistant Starch, Microbiota and Gut Health</td>
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<tr>
<td></td>
<td></td>
<td>D.F. Birt</td>
</tr>
<tr>
<td>10:30 AM – 12:30 PM</td>
<td>157 ABC</td>
<td>What’s New in Natural Products Analysis? Cutting-edge Methods and Available Resources for Nutrition Research</td>
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<tr>
<td></td>
<td></td>
<td>J. M. Harnly and B.C. Sorkin</td>
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<td></td>
<td></td>
<td>Moderate Alcohol Use, Nutrition and Chronic Diseases: What We Know and Where to Go Next</td>
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<td></td>
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<td>N. Parekh and L. M. Troy</td>
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<tr>
<td></td>
<td></td>
<td>&quot;One Nutrition&quot;: Clinical Nutrition Across Species</td>
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<td></td>
<td></td>
<td>L.M. Freeman and S.N. Meydani</td>
</tr>
</tbody>
</table>

### ASN Sponsored Satellite Programs:

Satellite programs are planned and conducted by external groups in conjunction with the American Society for Nutrition’s Scientific Sessions and Annual Meeting.

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td>Monday</td>
<td>6:30 am – 8:00 am</td>
<td>A Healthy Approach to Dietary Fat Consumption: Understanding the Science and Taking Action to Clear Up Consumer Confusion</td>
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<tr>
<td></td>
<td></td>
<td>Organized and sponsored by the Hass Avocado Board</td>
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<td>Renaissance Boston Waterfront Hotel, Pacific Grand Ballroom D</td>
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<tr>
<td>Tuesday</td>
<td></td>
<td>Pairing Nuts and Dried Fruit for Cardiometabolic Health</td>
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<td></td>
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<td>Organized and sponsored by the Sun-Maid Growers of California and American Pistachio Growers</td>
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<tr>
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<td>Boston Convention &amp; Exhibition Center, 52 A</td>
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<tr>
<td>Wednesday</td>
<td>6:30 am – 8:00 am</td>
<td>National Food and Nutrition Policy: Balancing the Role of Research, Nutrition Science and Public Health</td>
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<tr>
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<td>Organized and sponsored by the Corn Refiners Association</td>
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<tr>
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<td>Boston Convention &amp; Exhibition Center, 151 AB</td>
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<tr>
<td></td>
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<td>Phenotypic Flexibility</td>
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<td></td>
<td></td>
<td>Organized and sponsored by Nutritech, a European Commission-funded Project</td>
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<td>9:00 am – 12:30 pm</td>
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<td>Boston Convention &amp; Exhibition Center, 151 AB</td>
</tr>
</tbody>
</table>

### Additional Events:

- **Friday, Whole-Milk Dairy Foods in Nutrition and Health:** An Evaluation of the Current State of the Science
- **Saturday, Science and Policy:** Adopting a Fruitful Vegetable Encounter for Our Children
- **Saturday, Sweeteners and Health:** Current Understandings, Recent Research Findings and Directions for Future Research
- **Saturday, Current Perspective on Protein Quality and Practical Implications for Policy**
- **Sunday, Oats: More Than Just a Whole Grain**
- **Monday, Breakfast Bioactives**
- **Tuesday, Pairing Nuts and Dried Fruit for Cardiometabolic Health**
- **Wednesday, National Food and Nutrition Policy: Balancing the Role of Research, Nutrition Science and Public Health**

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### Additional Notes:

- **Rooms:** All rooms listed are in the Convention Center unless otherwise noted.
- **Moderation:**
  - D.F. Birt
  - N. Parekh and L. M. Troy
  - J. M. Harnly and B.C. Sorkin
  - L.M. Freeman and S.N. Meydani
  - "One Nutrition": Clinical Nutrition Across Species
  - I.M. Freeman and S.N. Meydani

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### Additional Events:

- **Whole-Milk Dairy Foods in Nutrition and Health:** An Evaluation of the Current State of the Science
  - Organized and sponsored by the National Dairy Council
  - 8:30 am – 12:00 pm
  - Renaissance Boston Waterfront Hotel, Pacific Grand Ballroom E

- **Science and Policy:** Adopting a Fruitful Vegetable Encounter for Our Children
  - Organized and sponsored by the Alliance for Potato Research and Education
  - 1:00 pm – 5:00 pm
  - Renaissance Boston Waterfront Hotel, Pacific Grand Ballroom FG

- **Sweeteners and Health:** Current Understandings, Recent Research Findings and Directions for Future Research
  - Organized and sponsored by the Rippe Lifestyle Institute
  - 6:30 am – 8:00 am
  - Boston Convention & Exhibition Center, 153 AB

- **Current Perspective on Protein Quality and Practical Implications for Policy**
  - Organized and sponsored by DuPont Nutrition and Health
  - 12:45 pm – 2:45 pm
  - Boston Convention & Exhibition Center, 153 AB

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  - Organized and sponsored by DuPont Nutrition and Health
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<table>
<thead>
<tr>
<th>Sunday Posters:</th>
<th>Monday Posters:</th>
<th>Tuesday Posters:</th>
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<tbody>
<tr>
<td>Lactation: Relationships of Maternal Diet and Health to Lactation Performance and Infant Health</td>
<td>Nutrition and Sustainability</td>
<td>Lactation across the Lifespan: Nutrition, Neurobiology, Mood and Behavior (Co-sponsor: Aging, Obesity and Nutrition Translation)</td>
</tr>
<tr>
<td>Lactation: Predictors of Lactation Initiation and Duration; and Interventions to Improve Lactation Success</td>
<td>Nutr Edu: Childhood Obesity Prevention</td>
<td>Nutrition across the Lifespan: Early Childhood Nutrition</td>
</tr>
<tr>
<td>Nutr. Epi.: Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets</td>
<td>Aging: Nutrition and Osteoporosis</td>
<td>Edu: Nutrition Education in Medical and Other Professional Schools</td>
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<td>Aging: Risk Factor Modification for Cardiometabolic Health and Chronic Disease</td>
<td>Nutr Trans: Nutrition Science for Public Policy, Practice and the Consumer</td>
<td>Edu: Nutrition Education for Practicing Clinicians</td>
</tr>
<tr>
<td>Aging: Nutritional Needs and Assessment in Older Adults/Populations</td>
<td>Nutr Trans: Food Science and Technology in Nutrition</td>
<td>Edu: Innovations in Undergraduate, Graduate and Medical Nutrition Education</td>
</tr>
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<td>EMM: Energy and Macronutrient Metabolism and the Gut</td>
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</tr>
<tr>
<td>EMM: Obesity and the Metabolic Syndrome (Co-sponsor: Obesity RIS)</td>
<td>Obesity: Macronutrients and Obesity</td>
<td>Nutr.-Gene Interactions: Chronic Disease</td>
</tr>
<tr>
<td>EMM: Carbohydrate Metabolism</td>
<td>Obesity: Body Composition</td>
<td>Nutr.-Gene Interactions: Exercise</td>
</tr>
<tr>
<td>EMM: Diet and/or Exercise Regulation of Food Intake (Co-sponsor: Obesity RIS)</td>
<td>Nutrient-Gene Interactions: Genomics, Proteomics, and Metabolomics</td>
<td>Nutr.-Gene Interactions: Bioactives</td>
</tr>
<tr>
<td>EMM: Dietary Fatty Acids and Health</td>
<td>Nutrient-Gene Interactions: Epigenetics</td>
<td>Diet and Cancer: Clinical and Human Studies</td>
</tr>
<tr>
<td>EMM: Protein Intake and Health Implications</td>
<td>Nutrient-Gene Interactions: Obesity and Inflammation</td>
<td>Vit Min: B Vitamins and One-Carbon Metabolism</td>
</tr>
<tr>
<td>Obesity: Diet, Devices, Medications and Surgery</td>
<td>Nutrient-Gene Interactions: Biomarkers</td>
<td>Vit Min: Micronutrient Interventions</td>
</tr>
<tr>
<td>Obesity: Gut Microbiome and Obesity</td>
<td>Diet and Cancer: Molecular Targets</td>
<td>Vit Min: Trace Element Transport and Homeostasis in Health and Disease</td>
</tr>
</tbody>
</table>