#### American Society for Nutrition Scientific Sessions at EB 2017 Day at a Glance Schedule · Friday, April 21, 2017

All functions will be held at the McCormick Place Convention Center unless otherwise indicated.

Food Systems, Nutrition and Health in a Changing Environment: A Workshop to Build Connections to Address Global Priorities (8:00 am- 5:30 pm, S100A)

The Global Nutrition Transition and Immune Function: The Challenges of Overnutrition and Undernutrition in Vulnerable Populations (Sponsored Satellite Program) (8:00 am – 12:00 pm, S105BCD)

Carotenoid and Retinoid (CARIG) Annual Symposium (1:00 – 5:00 pm, S105A)

**CARIG Poster Competition and Reception** (6:00 – 8:00 pm, S105 Foyer)

#### Day at a Glance Schedule · Saturday, April 22, 2017

Clinical Emerging Leader Award Competition (9:00 – 10:15 am) S102BC		Cellular and Molecular Nutrition	Nutrition Across	Clinical and	Global and Community Nutrition	Nutritional	Education
Conducting a Systematic Review for a Global Audience: Challenges in Merging Nutrition and Toxicological Evidence for a Safety Assessment of Caffeine (8:30 am - 12:30 pm) S103BC   Syndrome   Syndro		Nutrition	the Lifespan	Translational Nutrition	Nutrition	Epidemiology	Oliviani Europeina I andro
10:30 am - 12:30 pm   Oral Session   Bioavailability and Metabolism of Cardenoids and Vitamin A   Oxicological Evidence for a Safety Assessment of Cardenoids and Vitamin A   Oxicological Evidence for a Safety Assessment of Cardenoids and Vitamin A   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for a Safety Assessment of Cardenoids (8:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1008C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicological Evidence for Syndrome (9:30 am - 12:30 pm) S1058C   Oxicologi	8:00 – 10:00 am						
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Merging Nutrition and Toxicological Evidence for a Safety Assessment of Caffeine (8:33 am - 12:30 pm)   S103BC							
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Biomarkers Obesity: Adipose Tissues and Muscle Metabolism  Lectures S100A  Leaders in Pediatric Nutrition Reception (4:30 – 6:00 PM)  Lifetime Achievement Lectures S100A  S100BC  Oral Session Effects of Dietary Bioactive Components in Experimental Models of  Food Environment  Food Environment  Food Environment  Food Environment  S106  First Time Attendee and New Member Orientation (2:00 – 3:00 pm) S105A	3:00 – 5:00 pm	71 0,		5 5			•
Obesity: Adipose Tissues and Muscle Metabolism  Leaders in Pediatric Nutrition Reception (4:30 – 6:00 PM)  Description and Cognition S100BC  Oral Session Effects of Dietary Bioactive Components in Experimental Models of  Food Environment  S106  S106  First Time Attendee and New Member Orientation (2:00 – 3:00 pm) S105A				• • • • • • • • • • • • • • • • • • • •	Micronutrient Status		
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and Muscle Metabolism  S100A  S100BC  Oral Session  Effects of Dietary Nutrition Reception (4:30 – 6:00 PM)  S100BC  Oral Session  Effects of Dietary Bioactive Components in Experimental Models of  First Time Attendee and New Member Orientation (2:00 – 3:00 pm) S105A		Obesity: Adipose Tissues			FOOD ENVIRONMENT		S106
Cral Session Leaders in Pediatric Nutrition Reception (4:30 – 6:00 PM)  New Member Orientation Effects of Dietary Bioactive Components in Experimental Models of  New Member Orientation (2:00 – 3:00 pm) S105A		and Muscle Metabolism	S100A	S100BC			
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(4:30 – 6:00 PM) Experimental Models of			•	Bioactive Components in			
Chronic Disease Risk			(4:30 – 6:00 PM)				\$105A
				Chronic Disease Risk			

**Emerging Leader Poster Competition** (5:00 – 7:00 pm)

ASN Welcomes the 10<sup>th</sup> Annual Gerald J. Friedman Fellows Symposium (6:30 – 9:30 pm, Hilton Chicago, International Ballroom; *pre-registration recommended*)

EB Welcome Reception (7:00 – 8:30 pm)

#### American Society for Nutrition Scientific Sessions at EB 2017 Day at a Glance Schedule · Sunday, April 23, 2017

		•	t a Giance Schedule · Sunda	•		
	Cellular and Molecular Nutrition	Nutrition Across the Lifespan	Clinical and Translational Nutrition	Global and Community Nutrition	Nutritional Epidemiology	Education
			camp (6:30 – 7:30 am, Grant Park, Sponsored Satellite Programs (6: raduate Students Breakfast (6:45 -	30 – 8:00 am)		
8:00 – 10:00 am	APS-ASN Symposium From Cancer Causing Villain to Health Promoting Hero - Taking a U-turn on Dietary Nitrite and Nitrate? W196A Oral Sessions Mechanisms of Action and Molecular Targets of Dietary Bioactive Components Lipid and fatty acid metabolism & transport	Oral Sessions Animal Models of Maternal Nutrition, Fetal Programming, and Neonatal Development	Oral Sessions Gut Microbiome and Obesity Nutrition and Musculoskeletal Health Interventions for the Treatment and Prevention of Nutrition- Related Diseases	Symposium Global Dietary Assessment Architecture: Where are We? Where do We Need to be? And How Can We Get there Faster? S100A Oral Session Assessment of Nutrition Education and Behavior Change	Forum  Nutritional Epidemiology Business Meeting and Mentoring Forum (8:30 – 10:00 am) S106	Utility of Predictive Modeling for Nutrition Research, Clinical Interventions and Public Health (8:30 – 10:30 am) S105BCD  Taiwan International Forum (8:30 – 10:00 am) S105A
10:30 am - 12:30 pm	Symposium Advances in Nutritional Glycobiology: The Oligosaccharides of Human Milk – S100BC  Oral Sessions Bioavailability, Metabolism and Biomarkers of Dietary Bioactive Components  Experimental Animal RIS Forum and Hot Topic: Starch Properties Affect Kinetics of Digestion and Digestive Physiology in Pigs S105A	Oral Sessions  Nutritional Assessment in Older Adults	Oral Sessions Dietary Fatty Acids and Health Nutrition and Neurobiology	Oral Sessions Obesity, Non-communicable Diseases and the Nutrition Transition  Developing Healthy Eating and Physical Activity Behaviors through Education, Extension or Technology	Symposium Introducing the HEI-2015: A Tool to Assess Patterns with Regard to the 2015-2020 Dietary Guidelines for Americans S100A	Obesity RIS Forum How Much Evidence Should Be Demonstrated before Enacting Obesity- targeted Health Policy? (10:45 am – 12:15 pm) S106  Meet the Editors S104B
	Compelling		from ASN Task Force on Ensuring			
			00 am – 4:00 pm) and Poster Prese			
	-		itamin Supplements in the Age of			
			Nutrition and Public Health Challe			5)
	EMM RIS Business Mo	-	iscussion: Role of Macronutrients		t (1:00 – 2:30 pm, S102BC)	
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	C		ations: Partnership for a Healthier	` '	•	ACN Loodovskip Instituto
3:00 – 5:00 pm	Symposium Translating Human Diets and Nutrients to Rodent Diets for Research - S100A  Oral Sessions Protein and Amino Acid Metabolism  Antioxidant and Anti- inflammatory Effects of Dietary Bioactive Components	<b>Oral Session</b> Early Childhood Nutrition	Symposium Immune Function and the Microbiome Across the Lifecycle: Nutritional Challenges and Solutions (2:45 pm – 4:45 pm) S100BC  Oral Sessions  Diet and Cancer: Clinical, Epidemiological and Translational Studies  Carotenoids and Health	Oral Sessions Measuring and Improving the Effectiveness of Nutrition Programs  Joint Forum Nutrition Education and Behavioral Sciences RIS and Community and Public Health Nutrition RIS Networking Event (4:30 – 6:00 pm) S105BCD	<b>Oral Sessions</b> Nutrition and Chronic Disease Epidemiology	ASN Leadership Institute Thriving, Not Just Surviving: Skills Essential to Leveraging Your Scientific Career \$106  Korea International Forum (3:00 – 4:30 pm) \$105A
		ASN Nutri	Link Reception (5:00 – 6:00 pm, Sc	outh Level 1 Prefunction)		
			ASN Awards Ceremony (6:00 – 7:3			

# American Society for Nutrition Scientific Sessions at EB 2017 Day at a Glance Schedule · Monday, April 24, 2017

	Cellular and Molecular Nutrition	Nutrition Across the Lifespan	Clinical and Translational Nutrition	Global and Community Nutrition	Nutritional Epidemiology	Education
The Pre	Sponsore	ram: Dietary Treatments to Im ed Satellite Program: Prospect Departm Aging and Chi Vitamin an	6:30 – 7:30 am, Grant Park, across fi prove Insulin Sensitivity: Focus on s for a US /Multi-Country Replication nent Heads Breakfast (7:00 – 8:15 a ronic Disease RIS Forum (7:00 – 8:30 a d Minerals RIS Forum (7:00 – 8:30 a disms, Clinical Care and Population 1	High-Amylose Maize Starch (6:30 n of PREDIMED (6:30 – 8:30 amm, TBD) 0 am, S105A) am, S103A)	n, S106)	
10:30 – 12:30 pm	Oral Sessions Diet and Cancer: Molecular and Cellular Targets Trace Element Transport and Homeostasis in Health and Disease and B-vitamins Compelling Conversations: Is Nutrition a Biological Variable? (11:30 am – 12:30 pm) S105A	Symposium Health and Disease Implications in Older Adults Beyond BMI—Composition and Quality of Body Tissues \$100A	Oral Sessions  Neurobiology, Mood and Behavior  Nutrigenomics and Personalized Nutrition	Symposium  Emerging Evidence of Impact of Integrated WASH and Nutritional Interventions on Child Growth, Diarrheal Disease, and Cognitive Development S100BC Oral Sessions Food Security and Its Connections to Nutrition and Health Hot Topics and Innovation in	Oral Sessions Innovation and Validation of Dietary Assessment Tools and Their Applications	Students Meet the Fellows 10:30 am – 11:30 pm Hilton Chicago, Marquette
		Poster Viewing (10:00 am - nal, Perinatal and Pediatric Nut Nutritional Immunolo Medical Nutrition Cou	ast Presidents Luncheon (11:30 – 2 – 4:00 pm) and Poster Presentation trition RIS/ISRHML Business Meetingy and Inflammation RIS Forum (1: ncil Business Meeting and Lunch (1 ent RIS Forum and Business Meeting	us (12:45 – 2:45 pm, Hall F) ung and Lunch (1:00 – 2:30 pm, S1 1:00 – 2:30 pm, S103A) 1:00 – 2:30 pm, S104A)		
			A. Leveille Lectureship (1:45 – 2:30)			
3:00 – 5:00 pm	Symposium Adipose Tissue Development and Function: A Multispecies Look S100A	Oral Session Meeting the Nutritional Needs of Pediatric Populations	Symposium Vitamin D & Immunity: An Update on the Clinical Trials S100BC Oral Sessions Energy balance, macronutrients and weight management Nutrition and Gastrointestinal Health Nutrition, Dietary Supplements and Human Performance	Oral Sessions Global Nutrition Policies and Policy Processes Community and Public Health Nutrition Interventions	Oral Sessions Advancing Nutritional Epidemiology with Public Use and Commercial Data Sets	China International Forum 105A Learning Lab Nutrition Evidence Library: How Your Work Makes the Cut (3:30 – 5:00 pm) S105BCD IFIC/ASN Session: Restoring Relevancy or Nutrition Expertise in the Current Food Movement (3:15 – 5:15 pm) S106
		Sports Nutrition il Business Meeting and the Ke Global Nutrition	Business Meeting (5:30 – 6:30 pm, S Networking Event (6:30 – 8:00 pm, ellogg Prize for International Nutriti Council Reception (8:00 – 10:00 pm ago) and Postdoc and Young Profes	, Hilton Chicago) ion Research Lecture (6:30 – 8:0 1, Hilton Chicago)		)

# American Society for Nutrition Scientific Sessions at EB 2017 Day at a Glance Schedule · Tuesday, April 25, 2017

	Cellular and Molecular Nutrition	Nutrition Across the Lifespan	Clinical and Translational Nutrition	Global and Community Nutrition	Nutritional Epidemiology	Education
			np (6:30 – 7:30 am, Grant Park, acr consored Satellite Programs (6:30			
			Sciences Council Breakfast (7:00 -			
8:00 – 10:00 am	Oral Sessions  Nutritional Immunology and Inflammation  Diet and Cancer: Animal Studies and Biomarkers  Nutrient-Gene Interactions RIS  Business Meeting (9:00 – 10:30 am) S106	Oral Sessions Nutrition Education and Behavior in School-Aged Children	Oral Sessions Cardiovascular Effects of Dietary Bioactive Components Obesity Diagnosis and Treatment Vitamins, Chronic Disease and Micronutrient Interventions Translation of Nutrition Science and Food Science & Technology in Nutrition	Symposium Implementation Research in Nutrition: Purposes, Methods and Applications S100A	Symposium Exploring Measurement Error and its Implications for Diet and Physical Activity Data S100 BC	History of Nutrition Committee Forum History of the Dietary Guidelines for Americans S105A  African Nutrition Graduate Students Network Forum (9:00 – 10:30 am) S104A
10:30 am – 12:30 pm	Symposium Diet-and Exercise- Induced Epigenetic Alterations of Skeletal Muscle and White, Beige, and Brown Adipocytes \$100BC Oral Sessions Nutritional Impacts to Microbiome Function	Oral Session Mammary Gland Function and Effects of Milk Components on Infant Health	Oral Sessions Protein Intake and Health Nutrition and Cardiometabolic Health	International Union of Nutritional Sciences Forum Nutrition in a Fast Changing World \$106  Oral Sessions Health Disparities and Promoting Health in Diverse Populations	Oral Sessions Epidemiological Research Addressing Diet and Health Outcomes	Food and Nutrition Board Forum Assessing Obesity Trends, Updating WIC Food Packages, and Understanding Food Allergy: Focus on Children S100A  Learning Lab How to Access and Use a Fiber and Health Outcomes Database for Researchers and Policymakers (11:00 am — 12:15 pm)
		W	.O. Atwater Lecture (1:00 – 2:00 p	m. S100BC)		\$105A
			am – 4:00 pm) and Poster Present			
Sponsor			Food Allergy: Implications to the I		d Industry (12:45 – 2:45 pm	
3:00 – 5:00 pm	Symposium The Integrative Physiology of a Meal S100BC	Oral Sessions Early Life Obesity: Causes, Correlations and Treatment	Oral Sessions Nonalcoholic Fatty Liver Disease and Liver Metabolism	Oral Sessions Improving the Diets of Vulnerable Populations		ICAN International Forum (3:00 pm – 4:15 pm) S105A
	Oral Sessions Dietary Bioactive Components of Medicinal, Functional and Fermented Foods Micronutrient Bioavailability, Antioxidant Function, Zinc, Selenium	Nutrient Needs/Impact on Aging and Health  Maternal Factors Related to Pregnancy, Lactation and Infant Health				

# American Society for Nutrition Scientific Sessions at EB 2017 Day at a Glance Schedule · Wednesday, April 26, 2017

Cellular and M Nutritio		Nutrition Across the Lifespan	Clinical and Translational Nutrition	Global and Community Nutrition	Nutritional Epidemiology	Education				
		Late-Breaking	<b>Poster Presentations</b> (9:00	- 10:00 am, Wednesday)						
Dantaga will be disable and 40,00 AAA	4.00 DN4 C		Presentations: Sunday thro			th 0.20 th - t-				
prosters will be displayed 10:00 AM – a		•	•	unt posters and presenters must moun	t their posters no later	than 8:30 am on their				
presentation day. Authors wost be p	bresent by t	neir boards during the design	iated presentation time: 12:	45 – 2:45 PIVI.						
Late Breaking posters will be displaye	d Wednesda	ay, April 6 starting at 8:30 AN	1. Authors MUST be present	by their boards from 9 AM to 10:00 AM	l.					
Sunday		Monday		Tuesday	Wednesda	y (Late-Breaking)				
<ul> <li>Bioavailability and Metabolism of</li> </ul>	•	Global Nutrition	• Nutri	tion Translation	Variability in Res	sponses to Diet and Foo				
Carotenoids and Vitamin A	•	Policy	• Nutri	tion Education and Behavior	Nutrition on Hea	althy Growth,				
<ul> <li>Neurobiology</li> </ul>	•	Innovation and Validation of	Dietary • Early	Childhood Nutrition	Development an	d Reproduction				
<ul> <li>Trace Element Transport and</li> </ul>		Assessment Tools and Their	Applications • Feed	ing Behavior of the Mother, Infant and	<ul> <li>Disease Prevent</li> </ul>	ion, Progression and				
Homeostasis in Health and Disease	•	Epidemiological Research Ad	dressing Diet and Othe	r Caregivers	Treatment					
<ul> <li>Micronutrient Interventions</li> </ul>		Health Outcomes	• Deve	lopment and Nutrition	<ul> <li>Nutrition-Relate</li> </ul>	d Behaviors				
<ul><li>Global Nutrition</li></ul>	•	<b>Nutrition and Chronic Diseas</b>		th Disparities	<ul> <li>Food Supply and</li> </ul>	l Environment				
<ul> <li>Community and Public Health</li> </ul>	•	Diet and Cancer	• Food	Environment	<ul> <li>Vitamins, Minera</li> </ul>					
Interventions	•	Food Security	• Perso	onalized Nutrition	<ul> <li>Energy and Nutr</li> </ul>	ient Metabolism				
<ul> <li>Childhood Obesity</li> </ul>		<b>Experimental Animal Nutrition</b>	n • Nutri	tional Immunology and Inflammation	• Community, Pub	lic Health and Global				
<ul> <li>Childhood Obesity: Causes, Correla</li> </ul>		Effects of Dietary Bioactive C	•	obiome	Nutrition					
and Treatment		Experimental Models of Chro		ition and Cardiometabolic Health						
Obesity 1 (Treatment and Health Et	l l	Obesity II (Beige/Brown Fat;	. ,	tion and Musculoskeletal Health						
of; Diet and Body Composition)		Activity Behavior; Central Re		tion and Gastrointestinal Health						
Nutrient Gene Interactions	l l	Expenditure; Adipose Tissue;	Muscle • Nona	alcoholic Fatty Liver Disease						
Aging and Nutrition		Metabolism)	• Inter	ventions for the Prevention and						
Dietary Bioactive Components I	l l	Sports Nutrition		tment						
Research with Dietary Supplements		Energy Balance, Macronutrie		ary Fatty Acids and Health						
Bioactive Components		Management	_	oxidant and Anti-inflammatory Effects o	f					
Advancing Nutritional Epidemiolog      Dublin Line and Communical Data So		Obesity and the Metabolic Sy	2.000	ary Bioactive Components						
Public Use and Commercial Data Se		Carbohydrate Metabolism	1 1 1 1 1 1	iovascular Effects of Dietary Bioactive						
Childhood Nutrition Epidemiology     Lastation	l l	Protein Metabolism, Intake a Implications		ponents						
• Lactation		Lipid and Fatty Acid Metabol		ary Bioactive Components of Medicinal,						
		Energy and Macronutrient M		tional and Fermented Foods						
		the Gut		vations in Undergraduate, Graduate and ical Nutrition Education	<sup>1</sup>					
		Metabolic Phenotyping, Met		icai Nutrition Euucation						
		Biomarkers	20.0111100 0110							
		Applied Physiology								

• Water and Fat Soluble Vitamins and Chronic

• Micronutrient Bioavailability and Antioxidant

• Zinc, Selenium and B Vitamins