To Register:  www.conf.purdue.edu/BigTenLipids

Location:  Purdue University Stewart Center Room 218 A-D

8:00 am  Registration and Poster Setup
8:30 am  Welcome and Introduction
8:45 am  Richard D. Mattes, MPH, PhD, RD
Distinguished Professor of Nutrition Science
Purdue University
“The mechanisms and functions of oral fat detection in humans”
Discussion

9:15 am  Martha A. Belury, PhD
Carol S. Kennedy Professor of Human Sciences
The Ohio State University
“Building Better Muscles with Dietary Fats: A Novel Mechanism Involving Mitochondria”
Discussion

9:45 am  Soonkyu Chung, PhD
Assistant Professor of Nutrition and Health Sciences
University of Nebraska-Lincoln
“Interplay between adaptive thermogenesis and iron metabolism”
Discussion

10:15 am  Coffee Break
10:30 am  Interdepartmental Nutrition Program Lecture
Penny M. Kris-Etherton PhD RD FAHA FNLA FASN CLS
Distinguished Professor of Nutrition
The Pennsylvania State University
“Evidence for the numerous cardiometabolic benefits of all dietary unsaturated fatty acids”
Discussion

11:30 pm  Lunch
Posters in STEW 214 CD

2:00 pm  Carole Szalryd, PhD
Associate Professor of Medicine
University of Maryland School of Medicine
“Insights into lipoprotein secretion from rare variant discovery”
Discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
<th>Title</th>
<th>Discussion</th>
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<tbody>
<tr>
<td>2:30 pm</td>
<td><strong>C. –L. Eric Yen, PhD</strong></td>
<td>Associate Professor of Nutritional Sciences</td>
<td>University of Wisconsin-Madison</td>
<td>Discussion</td>
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<td>“Intestinal monoacylglycerol acyltransferase 2 and systemic metabolism”</td>
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<td>3:00 pm</td>
<td><strong>Coffee Break</strong></td>
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<td>3:30 pm</td>
<td><strong>Douglas G. Mashek, PhD</strong></td>
<td>Associate Professor of Biochemistry, Molecular Biology and Biophysics</td>
<td>University of Minnesota</td>
<td>Discussion</td>
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<td></td>
<td>“The winding and bumpy road of lipid droplet catabolism”</td>
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<td>4:00 pm</td>
<td><strong>Heather B. Bradshaw, PhD</strong></td>
<td>Associate Professor of Psychological and Brain Sciences</td>
<td>Indiana University</td>
<td>Discussion</td>
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<td>“Lipoamines: an emerging class of novel signaling lipids”</td>
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<td>4:30 pm</td>
<td><strong>George M. Carman, PhD</strong></td>
<td>Board of Governors Professor of Food Science</td>
<td>Rutgers University</td>
<td>Discussion</td>
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<td>“The fat-regulating enzyme phosphatidic acid phosphatase regulates lipid synthesis in yeast”</td>
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<td>5:00 pm</td>
<td>Future Activities of Big Ten Academic Alliance-Lipids</td>
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Purdue University
Interdepartmental Nutrition Graduate Program
Department of Nutrition Science