



## Fourth Annual Lipids@Wayne Symposium

Lipids@Wayne, the forum for exchange of research ideas, methods, and knowledge in lipid research, is pleased to sponsor the Fourth Annual Lipids@Wayne Symposium, which addresses the vital roles of lipids in cellular processes required for normal physiological function. Perturbation of lipid metabolism contributes to numerous pathologies, including cancer and cardiovascular, metabolic, and neurological disorders. We invite you to participate in this exploration of the lipid frontier.

### Keynote Speaker:

**Edward A. Dennis, Ph.D.**

Distinguished Professor, Department of Chemistry and Biochemistry, University of California at San Diego, La Jolla, CA  
*Evolution of phospholipases A<sub>2</sub> in catalysis and allosteric regulation by membrane phospholipids*

### Plenary Speakers:

**Jeffrey B. Travers, M.D., Ph.D.**, Professor and Chair of Pharmacology and Toxicology, Wright State University, Dayton, OH. *The Platelet-Activating Factor system as an effector for environmental stressors*

**William Dowhan, Ph.D.**, Professor and John S. Dunn Chair, Department of Biochemistry & Molecular Biology, University of Texas Medical School, Houston, TX. *Protein gymnastics in the lipid bilayer: How lipids determine membrane protein dynamic organization*

**Gary Lopaschuk, Ph.D.**, Professor and Scientific Director of Mazankowski Alberta Heart Institute, University of Alberta, Edmonton, Alberta, Canada. *The contribution of altered myocardial fatty acid oxidation to the severity of heart failure*

**Rosalind Coleman, M.D.**, Professor, Department of Nutrition and Pediatrics, University of North Carolina, Chapel Hill, NC. *Lipid regulation of  $\beta$ -adrenergic receptor signaling*

Conference Date: **May 10, 2017** Time: 10:00 AM – 6:00 PM

Location: **Wayne State University · The A. Paul Schaap Auditorium, Chemistry Building  
5101 Cass Ave., Detroit, Michigan 48202**

Free Parking: **Structure 6 (Putnam/Cass)**

Free Admission: **Registration Required**

**DEADLINES: Abstract Submission: April 28 Registration: May 5**

Participation and poster presentation are not restricted to WSU members. Monetary prizes will be awarded for the three best poster presentations.

For the full program, registration, and abstract submission, visit our website at <http://lipids.wayne.edu>



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