SATURDAY, NOVEMBER 12, 2011

9:00 - 9:30 AM Registration
Continental Breakfast

9:30 - 9:40 AM Welcome
Timothy J. Lyons, MD
Director, Harold Hamm Diabetes Center
Chickasaw Chair of Diabetes Study
Professor of Medicine and Chief
Section of Endocrinology and Diabetes
University of Oklahoma Health Sciences Center

9:40 - 10:00 AM DIFFERENCES IN INSULIN ACTION RESPONSE TO EXERCISE IN ADOLESCENTS AND YOUNG ADULTS
Kevin R. Short, PhD
Assistant Professor
Department of Pediatrics, Section of Endocrinology and Diabetes
Harold Hamm Diabetes Center
University of Oklahoma Health Sciences Center

10:00 - 10:20 AM INSULIN RESISTANCE, BEHAVIORAL AND DIETARY FACTORS: THE STRONG HEART STUDY
Ying Zhang, MD, PhD
Assistant Professor of Research
The Strong Heart Study Coordinating Center
Center for American Indian Health Research
College of Public Health
University of Oklahoma Health Sciences Center

10:20 - 10:40 AM HYPERINSULINEMIA REGULATES GLUT4 EXPRESSION AND TRAFFIC IN WHITE ADIPOSE TISSUE
Kandice L. Tessneer
Graduate Student
Department of Biochemistry & Molecular Biology
University of Oklahoma Health Sciences Center

10:40 - 11:00 AM Break

11:00 - 11:20 AM BIOMECHANICAL ANALYSIS OF RISK FOR DIABETIC FOOT ULCERS
Daqian Rong, MS
Graduate Research Assistant
Aerospace & Mechanical Engineering
University of Oklahoma, Norman
Department of Rehabilitation Sciences
University of Oklahoma Health Sciences Center
PhD Student of Bioengineering
University of Oklahoma, Norman

11:20 – 11:40 AM  VASODILATORY AUTOANTIBODIES IN IDIOPATHIC AND DIABETIC ORTHOSTATIC HYPOTENSION
Hongliang Li, MD, PhD
Post Doctoral Research Fellow
Section of Endocrinology and Diabetes
Harold Hamm Diabetes Center
University of Oklahoma Health Sciences Center

11:40 – Noon  RETINAL ANGIOGENESIS IN AKITA MOUSE MODEL OF DIABETIC RETINOPATHY
Zongchao Han, MD, PhD
Assistant Professor of Research
Department of Cell Biology
University of Oklahoma Health Sciences Center

Noon – 2:00 PM  Lunch & Poster Session

2:00 – 2:20 PM  CARDIAC MITOCHONDRIAL DYSFUNCTION IN A RODENT MODEL OF TYPE 1 DIABETES
Kenneth Humphries, PhD
Assistant Member
Free Radical Biology & Aging Program
Oklahoma Medical Research Foundation

2:20 – 2:40 PM  CATALASE IS UNIQUELY RESPONSIVE TO HIGH-FAT DIET INDUCED OXIDATIVE STRESS IN THE HEART
Paul Rindler, PhD
Post Doctoral Fellow
Oklahoma Medical Research Foundation

2:40 – 3:00 PM  7-KETOCHOLESTEROL INDUCES PROTECTIVE AUTOPHAGY IN VASCULAR SMOOTH MUSCLE CELLS: ROLE OF OXIDATIVE STRESS-INHIBITED ATG4 ACTIVITY
Chaoyong He, PhD
Post Doctoral Fellow
Department of Medicine Section of Molecular Medicine
University of Oklahoma Health Sciences Center

3:00 – 3:20 PM  Break
Reminder - Turn In Evaluations
3:20 – 3:30 PM  INTRODUCTION:
Timothy J. Lyons, MD

3:30 – 4:30 PM  LESSONS FROM DCCT/EDIC TRIAL
John D. Brunzell, M.D.
Professor Emeritus of Medicine
Division of Endocrinology and Nutrition
School of Medicine
University of Washington
Seattle, Washington

Closing Remarks:  Timothy J. Lyons, MD and
Steven D. Chernausek, MD
Professor of Pediatrics
Children’s Medical Research Institute
Edith Kinney Gaylord Chair
Director
CMRI Diabetes & Metabolic Research Center

Awards for Winning Posters & Oral Presentations

4:30 – 6:30 PM Reception