

BARSHOP INSTITUTE

Spring 2016 Seminar Series

Schedule of Speakers

Sponsored by:

The Barshop Institute for Longevity and Aging Studies
 The San Antonio Comparative Biology of Aging Center
 The San Antonio Nathan Shock Aging Center

Wednesdays 3:30 – 5:00 PM, Lecture Hall 444B (Long Campus, Medical School) with videoconferencing to:
 AT&T 1.120, TBRI Library 12.216, E-RAHC 2.200, and STRF 300.03

- January 6, 2016 Peter Rabinovitch, MD, PhD, Professor, Department of Pathology, University of Washington, Seattle, WA, Title: ["Extending Healthspan and Reversing Aging by Enhancing Mitochondrial Function"](#) (Hosts: [Dr. Nicolas Musi](#) and [Dr. Yuji Ikeno](#))
- January 13, 2016 David M. Miller, III Ph.D., Professor, Cell and Developmental Biology & Biological Sciences, Vanderbilt University Nashville, TN, Title: ["Stop and Go Signals for Synaptic Remodeling"](#) (Host: [Dr. Shane Rea](#))
- January 20, 2016 Gordon Lithgow, PhD, Professor, Chief Academic Officer, The Buck Institute, Novato, CA, Title: ["Interventions in Aging; Challenges and Opportunities"](#) (Hosts: [Dr. Alfred Fisher](#) and [Dr. Shane Rea](#))
- January 27, 2016 Andrej Bartke, PhD, Distinguished Scholar, Professor, Department of Physiology and Director, Geriatrics Research, Internal Medicine, SIU School of Medicine, Springfield, IL, Title: ["Growth Hormone and Aging; What Have We Learned?"](#) (Host: [Dr. Yuji Ikeno](#))
- February 1, 2016 **Barshop/Physiology Special Seminar (12:00 p.m.)** - Hazel Szeto, MD, PhD, Professor, Weill Cornell Medical College, New York, NY, Title: ["Mitochondrial Bioenergetics and Aging – A Novel Target for Intervention"](#) (Host: [Dr. Jim Nelson](#))
- February 10, 2016 **Barshop/Pepper Center Seminar** - Jay Magaziner, PhD, MSHyg, Professor and Chair, Department of Epidemiology & Public Health, School of Medicine, University of Maryland, Baltimore, MD, Title: ["The Many Consequences of Hip Fracture and Need for Multi-Modal Approaches to Post-Fracture Care: from Description to Intervention"](#) (Host: [Dr. Nicolas Musi](#))
- February 24, 2016 Presentations by Nathan Shock Center Pilot Grant Awardees: Dr. Al Fisher (ETP Awardee) , Title: ["Effects of Acarbose on C. elegans Lifespan"](#) and Dr. Pei Wang (Pilot Awardee), Title: ["Drugs to Burn out Fat"](#)
- March 2, 2016 Presentations by Nathan Shock Center Pilot Grant Awardees: Dr. Adam Salmon (ETP Awardee, Title: ["Conflict Between Diet and Drug: Implications for mTOR-Mediated Longevity Regulation"](#) and Dr. Martin Paukert (Pilot Awardee), Title: ["Brain State-dependent Ca²⁺ Dynamics in Mouse Models of Alzheimer's Disease"](#).
- March 9, 2016 Allon Canaan, PhD, Associate Research Scientist in Genetics, Department of Genetics, Yale University School of Medicine, New Haven, Title: ["FAT10 and its Pleiotropic Impact on Aging"](#) (Host: [Dr. Jim Nelson](#))
- March 23, 2016 **Barshop/Pepper Center Seminar** - Shalender Bhasin, MD Brigham and Women's Hospital Research Program in Men's Health: Aging and Metabolism, Boston, MA, Title: ["A Mechanism-Based Approach to Discovery of Function Promoting Therapies"](#) (Host: [Dr. Nicolas Musi](#))
- March 30, 2016 Elizabeth (Tish) Murphy, PhD, Cardiac Physiology Section, Systems Biology Center, NHLBI, NIH, Bethesda, MD, Title: ["The Role of Sex in Cardioprotection"](#) (Host: [Dr. Yidong Bai](#))
- April 6, 2016 **Barshop/Pepper Center Seminar** - Jill Crandall, MD, Director of the Diabetes Clinical Trials Unit and Co-Director of the DRTC Clinical Research Facilitation Core, Albert Einstein College of Medicine, Bronx, NY, Title: ["Targeting Aging with Metformin"](#) (Host: [Dr. Nicolas Musi](#))
- April 13, 2016 Daniel Promislow, PhD, Professor, University of Washington, Seattle WA, Title: ["Canine Aging: Can Old Dogs Teach Us New Tricks?"](#) (Host: [Dr. Shane Rea](#))
- April 20, 2016 Haining Zhu, PhD, Professor, Molecular & Cellular Biochemistry, University of Kentucky, Lexington, KY, Title: ["RNA Binding Protein FUS and Neurodegenerative Disease ALS"](#) (Host: [Dr. Yidong Bai](#))
- April 27, 2016 William Mair, PhD, Department of Genetics and Complex Diseases, Harvard T.H. Chan, School of Public Health, Boston, MA Title: ["The Ups and Downs of Energetics and Aging - Neural Regulators and Downstream Effectors"](#) (Hosts: [Dr. Nicolas Musi](#) and [Dr. Shane Rea](#))
- May 4, 2016 **Barshop/Pepper Center** - Douglas Seals, PhD, College Professor of Distinction, Department of Integrative Physiology, University of Colorado Boulder, Boulder, CO, Title: ["Vascular Aging: Significance, Mechanisms and Prevention/Treatment"](#) (Host: [Dr. Nicolas Musi](#))
- May 11, 2016 Christian J. Pike, PhD, Professor, USC Davis School of Gerontology, University of Southern California, Los Angeles, CA Title: ["Sex Steroid Hormones and Obesity in Development of Alzheimer's Disease"](#) (Host: [Dr. Jim Nelson](#))
- May 13, 2016 2016 Barshop Institute Student Research Symposium with a Presentation by Professor Emeritus of Biology, Greg Petsko, DPhil, Brandeis University, Waltham, MA, Title: ["How Parkinson's Disease Starts – and How It May Be Stopped"](#)
- May 18, 2016 Paula Shireman, MD, Professor and Dielman Chair in Surgery, University of Texas Health Science Center, San Antonio. Title: ["Muscle Regeneration in the Presence of Sarcopenia and the Mysteries of MCP-1"](#)

Barshop Institute Seminar Series Organizers:

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