



Speaker Series

Guest Speaker

**“Genetic Research in African Ancestry Populations:
Findings and Opportunities”**



James G. Wilson, MD

**Professor of Physiology and Biophysics
University of Mississippi Medical Center
Jackson, Mississippi**

African populations have great genetic diversity and carry common and rare variants with important biologic effects. Relatively common variants that provide resistance to infection in Africa have other, adverse effects that are only now being elucidated. Admixture of Africans, Europeans, and other continental populations, followed by recombination during each subsequent meiosis, produces a genomic mosaic in which the ancestral origin of each genomic region can be mapped, allowing localization of disease genes and the discovery of African-specific mechanisms of recombination. Recent genotyping and whole genome sequencing in large cohorts of African ancestry has enabled a series of interesting observations and offers expanding opportunities for research.

Monday, January 14, 2019

11:00am – 12:00pm

Gonda Building 1st Floor Conference Room, 1357

Light snack will be provided

To meet with Dr. James G. Wilson, please contact:
Dr. Steve Horvath, shorvath@mednet.ucla.edu

To receive seminar notices, contact Charina McDonald (cmcdonald@mednet.ucla.edu)
Upcoming speakers, <https://medschool.ucla.edu/human-genetics/seminar-series>