

Dr. Timmy Lee is an Professor of Medicine in the Department of Medicine and Division of Nephrology with a secondary appointment in the Department of Biomedical Engineering at the University of Alabama at Birmingham. Dr. Lee received his medical degree at the Louisiana State University Health Sciences Center in Shreveport and completed his Internal medicine residency and Nephrology fellowship at the University of Alabama at Birmingham, Nephrology research fellowship at the University of Alabama at Birmingham, and Masters of Science in Public Health at the University of Alabama at Birmingham. Dr. Lee currently serves as the Associate Director of Interventional Nephrology, Associate Nephrology Fellowship Director, Associate Director of the Nephrology Research Training Center, Associate Section Chief and Director of the Hemodialysis Program at the Birmingham Veterans Affairs Medical Center. Dr. Lee has been involved in hemodialysis vascular access research since 2002 and has over 60 peer-reviewed publications in the vascular access field. He has active research programs in clinical trials and large epidemiologic studies in dialysis vascular access and a laboratory-based translational research program in dialysis vascular access studying human vascular access blood vessel tissue biorepositories and mechanisms of arteriovenous fistula dysfunction using animal models (mouse, rat, and pig). The goal of his research program is to develop novel therapeutics to prevent and treat complications of hemodialysis vascular access dysfunction and improve the delivery and processes of care for patients requiring a hemodialysis vascular access. Dr. Lee's research program is currently funded by the National Institutes of Health and Veterans Affairs Medical Center. Dr. Lee is workgroup member for the National Kidney Foundation Kidney Disease Outcome Quality Initiative Vascular Access Guideline (K/DOQI) Taskforce to update hemodialysis vascular access guidelines.