

CRIC Opportunity Pool Program  
Funded Projects

**ROUND 1: FUNDED MAY 2020**

**Identification of clusters of risk factors for atherosclerotic cardiovascular disease and heart failure in adults with chronic kidney disease**

Lisandro D. Colantonio, University of Alabama at Birmingham

**Transcriptome-wide association study (TWAS) of cardiovascular outcomes in chronic kidney disease: the CRIC study**

Nora Franceschini, University of North Carolina at Chapel Hill

**Development of a Kidney Disease-Specific Geriatric Assessment**

Mara McAdams-DeMarco, Johns Hopkins University

**Improving Causal Inference for Kidney Function-Dependent Factors in CKD**

Julia Scialla and Jennie Ma, University of Virginia

**Distinctive heart failure (HF) symptom trajectories in chronic kidney disease (CKD): The Chronic Renal Insufficiency Cohort**

Carl Walther, Baylor College of Medicine

**Longitudinal effects of patients' social support resources in chronic renal insufficiency**

Alan J. Christensen, University of Iowa

**Novel Outcomes and Penalized Regression Approaches for Improving Prediction of CKD Progression**

Jarcy Zee, Children's Hospital of Philadelphia and Abigail R. Smith, Arbor Research Collaborative for Health

**Deep Survival for Renal Insufficiency**

Jeffrey Humpherys, University of Utah

**Characterizing CKD patients using multi-domain biomarkers**

Lan Liu, University of Minnesota

**ROUND 2: FUNDED JULY 2021**

**Obesity Weight Loss Phenotypes in Kidney Disease**

Meera Nair Harhay, Drexel University College of Medicine

**Environmental chemical exposure in adults with chronic kidney disease**

David Charytan and Howard Trachtman, NYU Langone Health

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**The Role of Klotho and Serotonin in Cardiovascular Outcomes and Mortality in CKD**

Myles Wolf, Duke University School of Medicine

**Association of Health-related Social Needs with Kidney Protective Measures**

Tessa Novick, University of Texas at Austin Dell Medical School

**Global electrical heterogeneity in chronic kidney disease**

Larisa Tereshchenko, Oregon Health & Science University

**Neighborhood Built Environment and Racial Disparities in Chronic Kidney Disease**

Larissa Myaskovsky, University of New Mexico, Health Sciences Center

**Physical function and mortality in CKD**

Christine Liu, Boston University

**Role of noncoding RNAs in vascular function in chronic kidney disease - a pilot study in CRIC**

Yan-Ting Shiu, University of Utah

**ROUND 3: FUNDED APRIL 2022**

**Characterization of the Urine Proteome Using Large-Scale Proteomics. A Quality Control (QC) Pilot Study**

Peter Ganz, University of California San Francisco

**Prediction of Cardiovascular and Renal Events on Echocardiograms and Retinal Images using Machine Learning**

Sadeer Al-Kindi, Case Western Reserve University

**Pathogenesis of PAD in CKD patients**

Vipul Chitalia, Boston University

**Multi-omics study of chronic kidney disease progression using traditional and machine learning approach**

Changwei Li, Tulane University