

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

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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

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

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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