

National Kidney Foundation 2012 Research Program
(Awards Effective July 1, 2011 – June 30, 2012)

NKF's research program is working to improve the quality of life for those with kidney disease while seeking to learn more about what causes kidney disease, how we can prevent its progression and find better treatments for those living with it today. NKF funds the work of promising young scientists in major centers around the U.S.

The goals of the NKF research program are to enhance the understanding of the mechanisms of kidney disease, acute kidney injury, CKD and its risk factors and related conditions, dialysis, and transplantation.

In the current fiscal year, the NKF committed almost \$1 million to support the work of 18 researchers focused on the five categories listed above. Their studies will provide insights with the potential to improve quality of care and quality of life for kidney patients, prevent or delay CKD and kidney failure, reduce avoidable hospitalization, and improve life expectancy of kidney patients.

RESEARCH RECIPIENTS

1. Mechanisms of kidney disease

Roy Bayly, PhD
Stanford University
Stanford, California
Research Focus: *Regulation of Kidney Tubule Development*

Hisham Bazzi, PhD
Sloan Kettering Institute
New York, New York
Research Focus: *Mechanisms of Polycystic Kidney Disease*

Derek P. DiRocco, PhD
Brigham and Women's Hospital
Boston, Massachusetts
Research Focus: *Mechanisms of Kidney Scarring*

Wassim El-Jouni, PhD.
Brigham and Women's Hospital
Boston, Massachusetts
Research Focus: *Role of Polycystic Kidney Disease Gene*

Kimberly C. Gilbert, MD
Vanderbilt University
Nashville, Tennessee
Research Focus: *Drug Effects on Mechanisms of Kidney Disease*

Felix Knauf, MD
Yale University School of Medicine
New Haven, Connecticut
Research Focus: *Kidney Stone Formation*

Rachel Catherine Miller, Ph.D.
M. D. Anderson Cancer Center
Houston, Texas
Research Focus: *Role of Cells in Kidney Tubule Development*

Xinchao Pan, PhD.
University of Texas Southwestern Medical Center
Dallas, Texas
Research Focus: *Role of Cells in Kidney Tubule Development*

2. Acute kidney injury

Jon D. Ahlstrom, PhD
University of Utah
Salt Lake City, Utah
Research Focus: *Identification of Protective Factors for Acute Kidney Injury*

3. CKD and its risk factors and related illnesses (anemia, bone and mineral disease, cardiovascular disease, diabetes, hypertension)

Nestor E. Almeida, MD
University of Utah
Salt Lake City, Utah
Research Focus: *Use of soluble fiber to decrease toxins in blood of individuals with chronic kidney disease*

Josef Coresh, MD, PhD
Johns Hopkins School of Public Health
Baltimore, Maryland
Research Focus: *Complications and Prognosis of Chronic Kidney Disease in the US Population*

Michelle R. Denberg, MD
The Children's Hospital of Philadelphia
Philadelphia, Pennsylvania
Research Focus: *Effect of Severe Protein in Urine on Vitamin D Status*

Emily Gwendolyn Farrow, PhD
Indiana University
Indianapolis, Indiana

Research Focus: *Bone and Mineral Complications of Chronic Kidney Disease*

4. Dialysis

Timmy Chang Lee, MD
University of Cincinnati Medical Center
Cincinnati, Ohio

Research Focus: *Evaluating Processes of Care to Increase Incidence of Fistulas*

This funding made possible by the Franklin McDonald/Fresenius Medical Care Clinical Research Grant of the National Kidney Foundation

Finnian McCausland, MB
Brigham and Women's Hospital
Boston, Massachusetts

Research Focus: *Prevention of Hypotension During Dialysis Treatments*

Tammy Lisa Sirich, MD
Stanford University
Stanford, California

Research Focus: *Reducing blood levels of waste products in patients with kidney failure.*

This funding made possible by the National Kidney Foundation/Mitsubishi Tanabe Pharma Corporation Fellowship for the Study of Uremia

5. Transplantation

Rowena Delos Santos, MD
Oregon Health and Science University
Portland, Oregon

Research Focus: *Cardiac Risk Score in Kidney Transplant Evaluation*

Minh-tri Nguyen, MD, CM
McGill University
Montreal, Quebec, Canada

Research Focus: *Delayed Graft Function Post-Kidney Transplantation*

This funding made possible by the Folkert Belzer, MD, Fellowship of the American Society of Transplant Surgeons and the National Kidney Foundation