**KidneyX Redesign Dialysis Phase 1 Reviewers**

Arthi Amin  
Lynda Ball  
Joe Bonventre  
Daronta Briggs  
Timothy Brindie  
Michael Burgio  
Nancy Colobong Smith  
Michelle Cruse  
Stephanie Dixon  
Linda Fried  
Patrick Gee  
Holli Hamilton  
Deborah Hoshizaki  
Jula Inrig  
Janae James  
Nichole Jefferson  
Mark Johnson  
Jeffrey Kopp  
Audrey Kusiak  
Jeff Lawson  
Susie Lew  
Kevin Longino  
Precious McCowan  
Rajnish Mehrotra  
Michael Mittelman  
Peter Murray  
Lauren Ovitt  
Judith Paige  
Uptal Patel  
Sam Pederson  
Kimberlee Potter  
Marlon Pragnell  
Jesse Roach  
Maile Robb  
Glenda Roberts  
Lloyd Rose  
Prabir Roy-Chaudhury  
Abigail Ryan  
Hina Sayed  
Seila Selimovic  
Jim Sloand  
David White  
Michael Wolfson

**KidneyX Redesign Dialysis Phase 1 Judges**

Joseph Hamel  
Ken Kim  
Emily Levy  
Meda Pavkov  
Krishna Polu  
Danilo Tagle  
Joseph Vassalotti  
John Watson  
Caroline Wilkie

**Redesign Dialysis Phase 1 featured a multi-stage review process:**

1. KidneyX team members triaged submissions, validating that they met eligibility requirements and distributed valid submissions to technical reviewers.

2. Technical reviewers reviewed submissions to score and provide comments (3 reviewers per submission). The 25 highest-scoring submissions were sent on to the judges.

3. Judges reviewed the top 25 scored submissions and made final recommendations of winners. Note: Judges had access to all submissions, and had the opportunity to review and recommend any to be added to the judging discussion even if that submission was not selected by the technical reviewers as a 25 highest-scoring submission.

4. ASN Council and the HHS Chief Technology Officer certified the winners.

KidneyX appreciates the confidentiality associated with submissions. All judges, reviewers, and staff signed a Non-Disclosure Agreement (NDA).

www.KidneyX.com
Tuesday, April 30

8:00AM – 9:00AM Registration
Breakfast and Networking Opportunity

9:00AM – 9:10AM Congressional Perspectives
Congresswoman Suzan DelBene (D-WA), Congressional Kidney Caucus Co-Chair

9:10AM – 9:25AM Nephrology Investment Landscape
Emily Levy, MBA
Former Head, Fresenius Medical Care Ventures

9:25AM – 9:35AM Congressional Perspectives
Congressman Larry Buchson, MD (R-IN), Congressional Kidney Caucus Co-Chair

9:35AM – 10:20AM Spurring Innovation
• Cystic Fibrosis Experience
  Robert Beall, PhD
  Former CEO, Cystic Fibrosis Foundation

• JDRF Experience
  Lawrence Soler, JD
  Founding Partner, Convergency

10:20AM – 10:35AM NIH Role
Jill Heemskerk, PhD
Deputy Director, National Institute of Biomedical Imaging and Bioengineering

10:35AM – 10:50AM FDA’s Role as a Driver of Innovation: Support for KidneyX
Jeffrey Shuren, MD, JD
Director, Center for Devices and Radiological Health, FDA

10:50AM – 11:05AM BREAK

11:05AM – 11:20AM How Payment Policy Can Help Spur Innovation
Adam Boehler
Deputy Administrator and Director, Center for Medicare and Medicaid Innovation

11:20AM – 11:35AM Nephrology Investment Landscape
Leslie Triga, MBA
CEO, Outset Medical

11:35AM – 12:00PM Vision of Kidney Disease Opportunities and the Role of KidneyX
Dr. Sedor

12:00PM – 12:15PM Closing Remarks
Dr. Sheldon and Dr. Rosenberg

12:15PM – 2:00PM Lunch

Monday, April 29

12:00PM – 1:00PM Registration
Lunch and Networking Opportunity

1:00PM – 1:15PM Welcome Remarks
Ed Simcox, JD, Deputy Secretary, HHS
Mark Rosenberg, MD, FASN, President, ASN

1:15PM – 1:25PM Senate Perspective
Senator Todd Young (R-IN)

1:25PM – 1:40PM Keynote Address
Transforming Kidney Care
Eric Hargan, JD, Deputy Secretary, HHS

1:40PM – 2:00PM Keynote Session
John Sedor, MD, FASN
ASN Chair, KidneyX Steering Committee

2:00PM – 2:20PM Announcement of Redesign Dialysis – Phase 1 Prize Recipients
Mr. Simcox and Dr. Rosenberg

2:20PM – 3:00PM Featured Presentations
Diagnostics Redesign Dialysis Phase 1 Prize Recipients
Moderator
Carmen Peralta, MD, MAS
Chief Medical Officer, Cricket Health

An Invasive, Wearable Telehealth Device to Detect Thrombosis and Monitor Vascular Access Health of Arteriovenous Fistulae and Grafts in Hemodialysis Patients
Dr. Vinay Narasimha Krishna

Development of an Automated Multimodal Sensor to Improve Patient Outcomes in Hemodialysis
Dr. Dean Hu

Fluo Medical Fistula Monitoring Device
Dr. Dimitri Augustin

Digitally-delivered Behavior Change Program to Help Patients Delay Dialysis
Dr. Kirby Binayao

Utilizing Optical Interrogation Methods for Early Diagnosis of Peritonitis in Peritoneal Dialysis Patients
Mr. Mark Buckup

3:00PM – 3:15PM BREAK

3:15PM – 3:35PM Featured Presentations
Improving Dialysis Redesign Dialysis Phase 1 Prize Recipients
Moderator
Ashley Wittorf
Executive Director, AdvaMed Accel

Nitric Oxide-Eluting Disposable Hemodialysis Catheter Insert to Prevent Infection and Thrombosis
Dr. Alexander Yevzlin

Smart Sensor-enhanced Needle Guide Reduces Pain and Cost in Clinic; Major Enabler of Home Hemodialysis
Dr. Daniel Nadis

Atomiically Precise Membranes for High-Flux and Selective Removal of Blood Toxins
Dr. Christian Schafmeister

Displacer-Enhanced Hemodialysis: Improving the Intraluminal Removal of Protein-Bound Uremic Toxins Using Binding Competitors
Dr. Xia Tao

Drug-Eluting Electrospun Hemodialysis Graft
Dr. Yael Vin

3:35PM – 4:00PM BREAK

3:55PM – 4:10PM Featured Presentations
Engineering Redesign Dialysis Phase 1 Prize Recipients
Moderator
Murray Sheldon, MD
Associate Director for Technology and Innovation, FDA

Development of a Dialysate- and Cell-Free Renal Replacement Technology
Dr. Ira Kurtz

The Ambulatory Kidney to Improve Vitality
Dr. Kassandra Thomson

Air Removal System for a Wearable Renal Therapy Device
Dr. Clarence Graansma

Intracorporeal Hemodialysis System
Dr. Shuvo Roy

Building New Kidneys
Dr. Jeff Ross

4:10PM – 4:30PM BREAK

4:30PM – 5:00PM Featured Presentations
Engineering Redesign Dialysis Phase 1 Prize Recipients
Moderator
Dr. Precious McCowan
Immediate Past President, AAKP

Announcement of Patient Innovator Prize
Mr. Simcox

3:00PM – 3:15PM BREAK