

National Diabetes and Digestive and Kidney Diseases (NIDDK) Advisory Council Meeting

Division of Kidney, Urologic, and Hematologic Diseases Advisory Subcouncil Meeting May 13, 2021

Advisory Council KUH Subcommittee Members:

Dr. Iain Drummond (Mount Desert Island Biological Laboratory)
Ms. Dawn Edwards (American Association of Kidney Patients) (Subject Matter Expert)
Dr. Mark Nelson (University of Vermont)
Dr. Keith Norris (University of California at Los Angeles) (Subject Matter Expert)
Dr. David Penson (Vanderbilt University)
Dr. Kathleen Sakamoto (Stanford University)
Dr. Ian Stewart (Commissioned Corps of the US Public Health Service)

NIH/NIDDK/KUH Staff:

Dr. Kevin Abbott	Dr. Van Nguyen
Dr. Julie Barthold	Mr. Matt Oldham
Dr. Eric Brunskill	Dr. Afshin Parsa
Dr. Kevin Chan	Ms. Aretina Perry-Jones
Dr. Patrick Donohue	Mr. Robert Pike
Ms. Emily Duggan	Dr. Tracy Rankin
Ms. Shannon Givens-Bradley	Dr. Griffin Rodgers
Dr. Daniel Gossett	Dr. Cindy Roy
Dr. Shilpa Hattangadi	Dr. Anna Sadusky
Dr. Jason Hoffert	Dr. Ivonne Schulman*
Dr. Chris Ketchum	Ms. Neha Shah
Dr. Paul Kimmel	Ms. Aliecia Shepherd
Dr. Ziya Kirkali	Dr. Victoria Spruance
Dr. Susan Mendley	Dr. Robert Star
Dr. Chris Mullins	Mr. Jonathan Teinor
Dr. Deepak Nihalani	Dr. Ken Wilkins
Dr. Jenna Norton	

Welcome and Introductions

Dr. Star welcomed council members and attendees to the KUH subcouncil meeting. Dr. Star formally welcomed two new subject matter experts, Ms. Dawn Edwards and Dr. Keith Norris. Drs. Penson and Nelson led the motion to approve the meeting minutes from January subcouncil. Dr. Star noted several upcoming meetings and workshops and commented that this information was available on the ECB for reference.

KUH Initiative Presentations

Staff presented the following FY2023 initiatives for consideration:

Interventions to address structural racism and improve outcomes in kidney disease patients (New)—Dr. Kimmel presented this initiative to councilors.

Councilor feedback:

- Dr. Norris commented that this initiative requires a multidisciplinary team and expressed strong enthusiasm for the approach. Additionally, he noted support for this initiative to be structured as an intervention rather than an observational study.
- Dr. Nelson noted hypertension is a factor in the African American community and queried if hypertension could be used as an intervention within a study. Dr. Kimmel noted that this could be another potential intervention.
- Ms. Edwards expressed high enthusiasm for this proposal and commented on the lack of quality care within the kidney disease realm, particularly as it relates to racial disparities. Ms. Edwards also expressed support for the multidisciplinary approach used for this initiative.

Chronic Kidney Disease in Children Study (CKiD) (Renewal)—Dr. Mendley presented this initiative to councilors.

Councilor feedback:

- Dr. Penson queried if there will be follow up studies or if the consortium would consider generating another cohort of children. Dr. Mendley noted that children participants will be followed into adulthood as this is an understudied area. Dr. Penson noted enthusiasm to focus on follow up of the current group.
- Dr. Drummond queried if genetic samples are collected from participants. Dr. Mendley noted DNA is collected from all participants for potential future use in genetic studies.

Chronic Renal Insufficiency Cohort (CRIC) Study (Renewal)—Dr. Parsa presented this initiative to councilors.

Councilors concurred with the initiative; there was discussion of an external evaluation in closed session.

Pragmatic Trial of Higher vs. Lower Serum Phosphate Targets in Patients Undergoing Hemodialysis (HiLo) (Extension)—Dr. Chan presented this initiative to councilors.

Councilor expressed enthusiasm for this extension.

Stimulating Urology Interdisciplinary Team Opportunity Research (SUITOR) (Expansion)—Dr. Barthold presented this initiative to councilors.

Councilor feedback:

- Dr. Penson noted strong enthusiasm for this program and queried if any other applications outside of urinary incontinence (UI) have been funded. Dr. Barthold noted 4 to 5 applications have been funded outside UI; however, as “Improving Outcomes for Urinary Incontinence” was the initial topic, the majority of applications focused on UI. Dr. Penson also expressed enthusiasm for neurourology as a topic and commented that because the urology workforce is homogenous, there is a need to diversify the workforce within the urologic disease research.
- Dr. Nelson commented that he also attended the 2019 NIDDK “Neuroscience in Urology Think Tank” meeting and echoed Dr. Penson’s comment on the need to diversify the workforce. He also commented that underactive bladder is an understudied neuroscience

question. Dr. Penson also agreed that hypoactive bladder is a large clinical problem and there have been few advances in this area.

The Predoctoral to Postdoctoral Fellow Transition Award (F99/K00) (Renewal)—Dr. Maric-Bilkan presented this initiative to councilors.

Councilor feedback:

- Dr. Nelson suggested advertising this mechanism to Neuroscience Program Directors within universities to increase the number of applications.
- Dr. Drummond noted F31 candidates could be recruited for this mechanism as well, and he suggested advertising the breadth of opportunities within kidney diseases for post-doctoral students. Dr. Maric-Bilkan noted that this program encourages applications from candidates studying science outside the scope of their post-doctoral work. Dr. Ketchum noted staff could encourage applications from outside K, U, and H sciences.

Multidisciplinary Urologic Research (KURe) Career Development Program (K12 Clinical Trial Optional) (Renewal)—Dr. Rankin presented this initiative to councilors.

Councilor feedback:

- Dr. Penson commented on the strengths of the U2C program. He also noted that the K12 mechanism works very well to recruit individuals into urologic science and has demonstrated its effectiveness.
- Dr. Nelson also expressed high enthusiasm for this initiative and commented that this has become a much more cohesive group within the Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU) consortium.

KUH Closed Session

Mr. Teinor presented an overview of consortia management board (CMB) and external experts' panels (EEP) within KUH as well as a schedule of upcoming meetings. Following Mr. Teinor's presentation, Drs. Sadusky, Mendley, and Parsa detailed CMB/EEP recommendations for three studies. Councilors voted to accept the CMB and EEP recommendations for all studies to continue as discussed.

Dr. Spruance provided a comprehensive presentation of the new U2C/TL1 initiative, which replaced the T32 mechanism for KUH.