



CAIRIBU COMMUNIQUE
May 2024
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Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

CAIRIBU AT AUA 2024



CAIRIBU-affiliated investigators are involved in dozens of activities at the AUA

meeting, including presenting posters, delivering podium presentations, participating as plenary speakers or panelists, moderating sessions, presenting in various society symposia, serving as course faculty, and more.

A list of presenters, panelists, moderators, and poster presenters at the 2024 AUA meeting is on the CAIRIBU website [HERE](#).

YOU ARE INVITED to help CAIRIBU Interactions Core staff highlight CAIRIBU-affiliated investigators by **live Tweeting** from sessions you attend! See at right for instructions.

Use hashtags **#AUA24**
and **#CAIRIBUatAUA**

CAIRIBU INVESTIGATORS

PRESENTING AT

2024



American Urological Association

 **San Antonio, Texas**

 **May 3rd - May 6th**

Preparation

Visit the [CAIRIBU website](#) for a full list of CAIRIBU-affiliated investigators presenting at AUA.

Post Content

- Credit quotes or findings to the respective presenters
- Use full names and affiliations
- @ the speaker on X if they share their profile

   145 [Tweet](#)

Use Hashtags

#AUA24

#CAIRIBUatAUA

This helps in aggregating tweets related to the event and the specific focus on CAIRIBU

2024 CAIRIBU COLLABORATIVE SUMMIT, JUNE 6-7



Catalyzing Connections to Advance Urology Research

Join us in Madison, WI on the University of Wisconsin-Madison campus. ALL ARE WELCOME TO PARTICIPATE IN-PERSON OR VIRTUALLY. It's free! We particularly welcome graduate students, postdocs, and undergraduates engaged in urology research. Much of the program is hybrid. See full program and names of speakers [HERE](#). For hotel and other travel information, contact CAIRIBU@urology.wisc.edu.

WHAT IS IT? The Summit highlights 20 early-stage investigators within and around the CAIRIBU Community (e.g., current and prior K12 Scholars, recipients of Urology O'Brien Center Opportunity Pool Awards and CAIRIBU Collaboration Awards, and investigators from the CAIRIBU Urobiome Research Interest Group). They will exchange knowledge about their research, hear from experts who challenge them to address critical knowledge gaps, and engage in immersive networking and collaboration-building activities.

State-of-the-science and keynote speakers include:

- **Indira Mysorekar, PhD**, Professor of Medicine; Chief of Basic and Translational Research, Baylor College of Medicine - THURS., June 6, 3:40 PM Eastern (2:40 PM Central | 12:40 PM Pacific)
- **William Ricke, PhD**, Professor of Urologic Research; Director of the George M. O'Brien Urology Research Center, University of Wisconsin School of Medicine and Public Health - THURS., June 6, 4:15 PM Eastern (3:15 PM Central | 1:15 PM Pacific)
- **Janet Keast, PhD**, Professor, Chair of Anatomy and Neuroscience, University of Melbourne (joining virtually) - THURS., June 6, 4:50 PM Eastern (3:50 PM Central | 1:50 PM Pacific)
- **Christopher Mullins, PhD**, Program Director of the Division of Kidney, Urologic, & Hematologic Diseases, NIH/NIDDK (joining virtually) - FRI., June 7, 10:00 AM Eastern (9 AM Central | 7 AM Pacific)
- **Alisa Stephens-Shields, PhD**, Associate Professor of Biostatistics, University of Pennsylvania Perelman School of Medicine (joining virtually) - FRI., June 7, 10:30 AM Eastern (9:30 AM Central | 7:30 AM Pacific)

Thursday, June 6, 12:30 - 5:30 PM Central

For virtual participation - 1:30 to 6:30 PM Eastern | 10:30 to 3:30 PM Pacific

Friday, June 7, 9:00 - 3:30 PM Central

For virtual participation - 10:00 to 4:30 PM Eastern | 7:00 to 1:30 PM Pacific

Register [HERE](#) to participate in-person OR virtually

Urology O'Brien Center Symposium on Aging, June 6

George M. O'Brien Urology Research Center

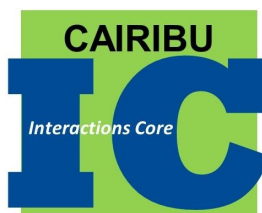
University of Wisconsin-Madison



The [University of Wisconsin-Madison Urology O'Brien Center](#) (PI, William Ricke, PhD) is developing a half-day symposium on aging to coincide with the CAIRIBU Collaborative Summit. The symposium will be held on the University of Wisconsin School of Medicine and Public Health campus during the morning of **Thursday, June 6**.

STAY TUNED FOR DETAILS about speakers.

UROLOGY RESEARCH FUNDING



CAIRIBU Interactions Core Collaboration Awards

The CAIRIBU Interactions Core announces the 2024 RFA for [CAIRIBU Collaboration Awards](#). Direct research costs of up to \$50,000 for 1 year are available. Basic science and translational projects are especially welcome. Priorities go to early-stage investigators or those new to urology AND to interdisciplinary research teams. Go [HERE](#) for list of recent award recipients and their research topics. **Application deadline is May 28, 2024.** Project dates:

CAIRIBU K12 NEWS

Successful 9th Annual Duke KURe Symposium



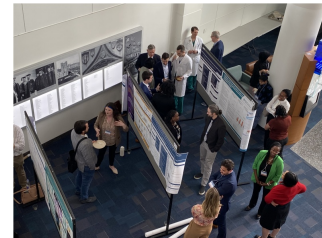
Urologic Effects of Aging

The April 19th symposium attracted investigators and trainees from nearly 30 institutions. The full-day symposium featured panels, trainee podium presentations, poster sessions, lunch with experts, and trainee awards. **CONGRATULATIONS to the 2024 Award Winners!** Platform presentation awardees are listed below:

- **Samara Silver, BS**, Eastern Virginia Medical School (mentee of prior UW-Madison K12 Scholar Petra Popovics, PhD): Top Basic Science abstract
- **Cassandra Kisby, MD**, Duke University School of Medicine: Top Translational Science abstract
- **Rory Ritts, MD**, Wake Forest University School of Medicine: Top Clinical Science abstract

Poster presentation awardees: **Kaylie Hintze, BS** (mentee of prior Duke University K12 Scholar Tanya Sysoeva, PhD); **Mary Namugosa, MD** (Wake Forest University School of Medicine); and **Diana Aponote, MD** (mentee of prior Duke University K12 Scholar Jonathan Routh, MD, MPH).

CAIRIBU Interactions Core trainee travel awards went to: **Molly Alexander, MS** (Brody School of Medicine); **Hassan Yousif Hassan, MD** (Univ of Cincinnati); **Kaylie Hintze, BS** (Univ of Alabama at Huntsville); **Nicole Jenkins, DO** (Hackensack Meridian Health-Jersey Shore Univ Medical Center); **Soumya Kamath, MS** (Brody School of Medicine); **Mary Namugosa, MD** (Wake Forest Univ School of Medicine); **Rory Ritts, MD** (Wake Forest Univ School of Medicine); **Samara Silver, BS** (Eastern Virginia Medical School); **Kayah Tucker, MS** (Eastern Virginia Medical School); **Gregory Vulture, MD** (Hackensack Meridian Health-Jersey Shore Univ Medical Center); and **Brandon Wilson, MD** (Virginia Commonwealth Univ School of Medicine).



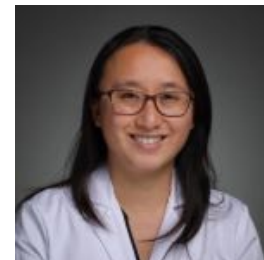
Presentations by CAIRIBU-affiliated investigators were given during the symposium and included: **Teresa Liu, PhD** (prior KURe Scholar, UW-Madison), **Scott Bauer, MD, MS** (prior KUroEpi Scholar, UCSF), **Alison Huang, MD** (PI, KUroEpi Program at UCSF), **Anne-Catrin Uhlemann, MD, PhD** (one of the PIs of the Columbia University U54 Urology O'Brien Center), and **Nicole De Nisco, PhD** (CAIRIBU Urobiome Research Interest Group). **Cindy Amundsen, MD** leads the Duke KURe Program.

New CAIRIBU KURe Program K12 Scholars



Stanford University KURe Program

The new [KURe Program at Stanford University](#) (PIs, Joseph Liao, MD and James Brooks, MD) recently welcomed its first two K12 Scholars, **Kathleen Kan, MD** and **Alexandra Polasko, PhD, MS** (pictured above). **Dr. Kan**, a fellowship-trained pediatric urologist, will focus her research on developing assessment and observation tools in school settings to capture child- and school-level



Duke University KURe Program

Bin Ni, MD, PhD has joined the [Duke University KURe Program](#) (PI, Cindy Amundsen, MD) as a K12 Scholar. **Dr. Ni** will investigate the BK virus and complications it induces in recipients of renal transplants. These complications include stenosis and nephropathy, which contribute to graft injury and loss. **Dr. Ni** aims to create validated

factors in daytime bathroom use. Her long-term goals are to reduce disease burden and improve local policies and practices. **Dr. Polasko** is a scientist and postdoctoral fellow in Dr. James Brooks' lab. Her research will focus on the role of bone morphogenetic protein 5 in the pathophysiology of BPH.

prediction models to identify risk factors for BK virus-related complications. Her broader research interests extend to understanding host-pathogen interactions and development of host-directed therapies for infectious disease.



University of California San Francisco-Kaiser Permanente Northern California KUroEpi Program

Rachel Wattier, MD, MHS joined the [UCSF-KPNC KUroEpi Program](#) (PIs, Alison Huang, MD and Stephen Van Den Eeden, PhD) as a K12 Scholar. Dr. Wattier is a fellowship-trained pediatric infectious disease physician in the Department of Pediatrics, Division of Infectious Diseases and Global Health at UCSF. She also serves as Medical Director of Antimicrobial Stewardship at the UCSF Benioff Children's Hospital. **Dr. Wattier** will study diagnostic testing practices and antimicrobial therapies.

More information about ALL current and prior CAIRIBU KUroEpi and KUR Program K12 Scholars is on the CAIRIBU website [HERE](#). Photos and brief bios are available.



2024 CAIRIBU MEETING

Mark your calendars now! Wednesday-Friday,
December 4-6; Milwaukee, WI

TRAINEES AND ESIs

CAIRIBU ARCTICS Community Forums



Monthly, January - May 2024
2nd WEDNESDAYS (virtual)
1:00 PM Eastern (12 PM Central | 10 AM Pacific)
[Schedule available HERE](#)

ARCTICS = Advancing the Research Capacity of Trainees and Investigators at Early Career Stages

Wednesday, May 8

***Cracking the Code: A Statistical Editor's Guide to Mastering
Medical Manuscripts***

Rodney L. Dunn, MS
[Zoom link to join available HERE](#)

[Rodney Dunn](#) is a Biostatistician at the University of Michigan in the Department of Urology and Director of the Health Services Research Analytic Core. He designs and analyzes many kinds of medical studies, mainly those involving health sciences research. He has >25 years of experience in the urology field and is an author on >250 original publications and book chapters.

Since 2021, the CAIRIBU Interactions Core has engaged CAIRIBU trainees to plan and host nearly 30 ARCTICS Community Forums. Trainees at all career stages from a broad cross-section of the urology research community participate. Don't miss out on these valuable forums! Recordings of prior forums are posted on the [CAIRIBU YouTube channel](#).

CAIRIBU K12 Scholar Seminars



Monthly, January - June 2024
2nd THURSDAYS (virtual)
5:00 PM Eastern (4 PM Central | 2 PM Pacific)
[Schedule available HERE](#)

Current and former CAIRIBU-affiliated K12 Scholars present their research to other investigators and trainees. Honoraria are provided by the [UW-Madison CAIRIBU Urology O'Brien Center](#). Since 2021, the CAIRIBU Interactions Core has hosted >20 seminars representing K12 Scholars from KURe and KUroEpi Programs.

Thursday, May 9

Scott Bauer, MD, MS

Prior K12 Scholar in the UCSF-Kaiser Permanente KUroEpi Program



Lower Urinary Tract Symptoms: Evidence for a Geriatric Syndrome and Clinical Implications

Zoom link to join available [HERE](#)

CAIRIBU Graduate Student Seminars



Every other month
3rd WEDNESDAYS (virtual)
2:00 PM Eastern (1 PM Central | 11 AM Pacific)
[Schedule available HERE](#)

Wednesday, May 9

Kaylie Hintze

Graduate student, The University of Alabama at Huntsville (mentor, Tanya Sysoeva, PhD)



Dr. Sysoeva's lab studies horizontal gene transfer in complex microbial communities. Kaylie's award-winning poster at the Duke KURe symposium in April was titled, "*Analysis of competition amongst Lactobacilli isolated from the human urinary tract.*"

Zoom link to join available [HERE](#)

UROBIOME RESEARCH

Urobiome Research Interest Group Monthly Research Hours

The [CAIRIBU Urobiome Research Interest Group](#) (U-RIG) engages collaborative-minded investigators and clinicians from a variety of disciplines to develop strategies to advance urobiome science and



urinary tract health. Summaries from U-RIG meetings and discussions are available on the [CAIRIBU website](#). Monthly CAIRIBU U-RIG virtual "research hours" feature 1-2 investigators who describe their work; Q&A and discussion follows. All are recorded and archived on the [CAIRIBU YouTube page](#).

Thanks to [Nicole De Nisco, PhD](#) (UT Dallas) and [Michael Neugent, PhD](#) for organizing these

Next CAIRIBU U-RIG Research Hour

Friday, May 17 (virtual)
3:00 PM Eastern
 (2:00 PM Central | 12:00 PM Pacific)

Zoom link to join
available [HERE](#)



Chelsie Armbruster, PhD

Associate Professor,
 Department of Microbiology
 and Immunology, State
 University of New York at
 Buffalo



Nazema Siddiqui, MD, MHSc

Associate Professor,
 Department of Obstetrics
 and Gynecology, Duke
 University Medical Center



National Institute of
 Diabetes and Digestive
 and Kidney Diseases

NIDDK Microbiome Workshop

Gut Microbiota and Kidney Diseases: From Basic Research to Translational Science

May 28-29, 2024 (virtual)
 More info and link to register [HERE](#)

The GI microbiome is a new and underexplored frontier. Harnessing its therapeutic potential could revolutionize the way kidney diseases are prevented and treated. **The primary purpose of this workshop is to address the overall impact of GI microbiota on kidney diseases** specifically focusing on their role as markers, mediators or amplifiers of kidney function/dysfunction. Experts in the gut microbiome and kidney disease will discuss knowledge gaps and challenges and identify future directions to move the science forward and improve the health of patients. **Urobiome investigators are strongly encouraged to participate for cross-disciplinary learning and discussion.**

NIDDK contact: **Deepak Nihalani, PhD**, Program Director, Division of Kidney, Urologic and Hematologic Diseases (deepak.nihalani@nih.gov).

EVENTS & DEADLINES

EVENTS

May 1: [13: Innovative Idea Incubator](#): UW-Madison Urology O'Brien Center (virtual, 3 PM Eastern)
 May 8: [CAIRIBU ARCTICS Community Forum](#): Statistical editor **Rodney Dunn** (virtual, 1 PM Eastern)
 May 9: CAIRIBU Community Leaders Meeting (virtual, 5 PM Eastern)
 May 9: [CAIRIBU K12 Scholar Seminar](#): **Scott Bauer, MD, MS** (virtual, 5 PM Eastern)
 May 15: [CAIRIBU Graduate Student Seminar](#): **Kaylie Hintze**, UAB Huntsville (virtual, 2 PM Eastern)
 May 17: [CAIRIBU Urobiome Research Hour](#): **Nazema Siddiqui, MD** and **Chelsie Armbruster, PhD** (virtual, 3 PM Eastern)
 May 22: [CAIRIBU Catalyst Conversation - What can we learn about the lower urinary tract from muscle and mitochondria research?](#) **Adam Kuchnia, PhD** (virtual, 1 PM Eastern)

Openings! Postdocs, Scholars, and More

Check the [CAIRIBU Kiosk](#) frequently for updates. Are you looking for a postdoc or fellow? Let the CAIRIBU Interactions Core know. We will post it on the website and use CAIRIBU social media to promote it.



HAVE YOU READ?

Are you reading the newest publications from investigators and trainees in the CAIRIBU Community? We update this monthly; it's available on the CAIRIBU website [HERE](#).

NOTABLE RECENT PUBLICATIONS:

Dr. Kathleen Kan (K12 Scholar, Stanford University KUR Program) and her team published in *BMJ Paediatric Open* - [Paediatricians' perspectives in treating lower urinary tract symptoms: a qualitative exploratory needs assessment study](#)

Dr. Alejandro Roldán-Alzate (prior K12 Scholar, UW-Madison KUR Program) and his team published in *J Biomech Eng* - [Validation of dynamic 3D MRI for urodynamics assessment using an anatomically realistic in vitro model of the bladder](#)

Dr. Kevin Koo (co-PI, Mayo Clinic P20 Urology Center) and his team published in *Urol Pract* - [Initial experience and clinical assessment of the Karl Storz FLEXXC1 single-use flexible ureteroscope](#)



HAVE YOU WATCHED?

The [CAIRIBU YouTube Channel](#) features videos from CAIRIBU K12 Scholar seminars, CAIRIBU Catalyst Conversations, CAIRIBU ARCTICS Community forums, and MORE. See below for a list of just some of the content:

[CAIRIBU Urobiome Research Interest Group](#), features 9 recorded presentations/panels collectively garnering nearly 4,000 views!

[CAIRIBU Collaborative Science workshop series](#) from 2023, features 5 recorded workshops led by **Dr. Whitney Sweeney**, Team Scientist at the UW-Madison Institute for Clinical and Translational Research

[CAIRIBU ARCTICS Community Forums](#) from 2022 to the present, features 15 recorded presentations on a variety of topics of great interest to trainees and early-stage investigators

[CAIRIBU Catalyst Conversations](#), features provocative and cutting-edge presentations by Hunter Wessells, MD; Molly Ingersoll, PhD; Michael Eadon, MD; & Nathan Tykocki, PhD



Email the CAIRIBU Interactions Core

George M. O'Brien (U54) Urology Cooperative Research Centers Program

- University of Wisconsin-Madison (2014-2019 and 2019-2024)
- Columbia University (2014-2019 and 2020-2025)
- Stanford University (2021-2026)

Multidisciplinary Urologic Research (KUR) Career Development Programs (K12)

- Duke University
- University of Wisconsin-Madison
- Stanford University

Urological Epidemiology (KUroEpi) Institutional

Kristina L. Penniston, PhD, RDN

PI, CAIRIBU U24 Interactions Core
(U24-DK127726)

penn@urology.wisc.edu

Dept. of Urology, University of Wisconsin School of Medicine and Public Health, Madison, WI

FORWARD P20 Urology Centers

- Mayo Clinic Rochester (2022-2025)
- Duke University (2022-2025)

Exploratory Centers (P20) for Interdisciplinary Research in Benign Urology

- Michigan Interdisciplinary Center for Urology Research and Education (MI-CURE) (2021-2023)

CAIRIBU Interactions Core (U24)

- PI, **Kristina Penniston, PhD, RDN**
- Research Program Manager, **Jennifer Allmaras, MPH**
- Research Communications & Outreach,

Research Career Development Programs (K12)

- University of California San Francisco-Kaiser Permanente Northern California
- University of Michigan

Tracy Rankin, PhD, MPH, NIDDK KUH Deputy Director and Program Director, oversees CAIRIBU-affiliated K12 Institutional Career Development Programs

Mariana Coughlin, MS

- Researcher, ***Muen Wang, BS***
- Research Administration Specialist, ***Lori Uttech-Hanson, MA Ed***
- Student researcher, ***Anna Barrett***

NIDDK Program Officers who oversee the CAIRIBU Interactions Core and the U54 Urology O'Brien Centers are **Chris Mullins, PhD** and **Deepak Nihalani, PhD**

Links to websites for CAIRIBU Centers and Programs are on the CAIRIBU website [HERE](#)

Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

CAIRIBU is a community of NIDDK-funded U54 and P20 Urology Centers and K12 Institutional Career Development Programs whose overarching objectives are to address gaps in knowledge related to epidemiology, etiology, development, progression, and expression of non-malignant urologic conditions and to train the next generation of leaders in urology research. The CAIRIBU Interactions Core is the central coordinating body for the CAIRIBU Community.

Learn More Here