

Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

COLLABORATIVE SUMMITCAIRIBU
COLLABORATIVE
SUMMIT**THURSDAY
JUNE 6, 2024**
ONSITE & VIRTUAL**2:40 PM****THE FUTURE OF URINARY TRACT
INFECTION AND UROBIOME RESEARCH**Indira Mysorekar, PhD, **Professor of Medicine;**
Chief of Basic and Translation Research, Baylor
College of Medicine**3:15 PM****THE FUTURE OF SYMPTOMS OF LOWER
URINARY TRACT DYSFUNCTION
RESEARCH**William Ricke, PhD, **Professor of Urological Research;**
Director of the George M. O'Brien Urology Center, University
of Wisconsin School of Medicine and Public Health**3:50 PM****THE FUTURE OF NEURO-
UROLOGICAL RESEARCH IN THE
LOWER URINARY TRACT**Janet Keast, PhD, **Professor, Chair of Anatomy**
and Neuroscience, University of Melbourne**Catalyzing
Connections to
Advance
Urology
Research, June
6-7**

WHAT: Immersive knowledge exchange and networking, featuring early-stage investigators within and around the CAIRIBU Community. Marquis "state-of-the-science" presentations Thursday afternoon.

WHEN: Thursday afternoon and all day Friday

WHERE: UW-Madison campus; virtual options available for most of the program

All are welcome to participate in-person or virtuallyFull program [HERE](#) | Register [HERE](#) (free)**FRIDAY PRESENTATIONS (virtual)**

- [Christopher Mullins, PhD](#) (NIH/NIDDK): *Challenges and Opportunities in Non-Malignant Urology Research*, 10:00 AM Eastern (9 AM Central | 7 AM Pacific)
- [Alisa Stephens-Shields, PhD](#) (University of Pennsylvania): *Innovative Clinical and Translational Approaches to Urology Research*, 10:30 AM Eastern (9:30 AM Central | 7:30 AM Pacific)

**Urology O'Brien Center
symposium on aging in the**

George M. O'Brien Urology Research Center

University of Wisconsin-Madison



urinary tract, June 5-6

The [University of Wisconsin-Madison Urology O'Brien Center](#) (PI, William Ricke, PhD) will hold a symposium, *"Age-Associated Changes and the Lower Urinary Tract."* Keynote presentation by Dr. **Nathan LeBrasseur** (Mayo Clinic), Wed., June 5, 5:30-6:30 PM Central. The plenary session runs through the morning of Thurs., June 6 and will feature presentations from Scott Bauer, MD, MS; Ron Korstanje, PhD; and Indira Mysorekar, PhD. In-person and hybrid options are available. For more info and to register, go [HERE](#)



2024 CAIRIBU MEETING

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

CAIRIBU K12 NEWS

New CAIRIBU KURe Program K12 Scholars



Stanford University KURe

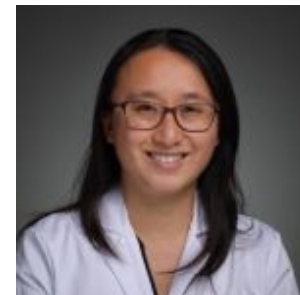
PIs, Joseph Liao, MD and James Brooks, MD welcome new K12 Scholars, **Kathleen Kan, MD** and **Alexandra Polasko, PhD, MS**. Dr. Kan, a pediatric urologist, will develop assessment and observation tools to capture child- and school-level factors in daytime bathroom use. Dr. Polasko is a postdoctoral fellow in Dr. James Brooks' lab. Her research will focus on the role of bone morphogenic protein 5 in the pathophysiology of BPH.



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

Rachel Wattier, MD, MHS joins the program (PIs, Alison Huang, MD and Stephen Van Den Eeden, PhD) to study diagnostic testing practices and antimicrobial therapies. Dr. Wattier is a pediatric infectious disease physician in the Department of Pediatrics and Medical Director of Antimicrobial Stewardship at the UCSF Benioff Children's Hospital.

Read about ALL current and prior CAIRIBU KUroEpi and KURe Program K12 Scholars [HERE](#)



Duke University KURe

Bin Ni, MD, PhD joins the program led by PI Cindy Amundsen, MD to investigate BK virus-related complications after renal transplant. Dr. Ni will create models to identify risk factors among transplant recipients. Her broader research interests include host-pathogen interactions and host-directed therapies for infectious disease.

TRAINEES AND ESIs

CAIRIBU K12 Scholar Seminars



Monthly, January - June 2024

2nd THURSDAYS (virtual)

5:00 PM Eastern (4 PM Central | 2 PM Pacific)

Schedule available [HERE](#)

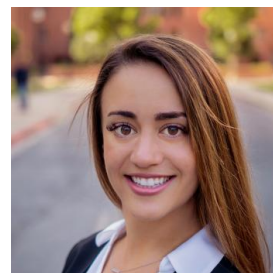
Next one Thursday, June 13

Alexandra Polasko, PhD, MS

K12 Scholar, Stanford University KURe Program

Characterization of a patient-derived xenograft model of BPH

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](#)

Next one Wednesday, July 17

Layla Jeries

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

Namrata Sawant

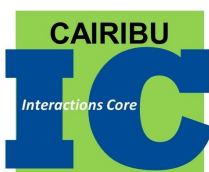
Graduate student, University of Texas Dallas (mentor, Nicole De Nisco, PhD)

Dr. De Nisco's lab studies the host inflammatory response during RUTI. Dr. Sysoeva's lab studies horizontal gene transfer in complex microbial communities. Zoom link to join available [HERE](#)



NEW CAIRIBU WORKSHOP SERIES

Virtual Grant Resource Workshops



The CAIRIBU Interactions Core created a new, every-other-month, virtual workshop series to provide CAIRIBU Community investigators the latest information about critical resources for urology research. Descriptions of the February and April workshops are below. View prior recorded workshops on the CAIRIBU YouTube channel [HERE](#).

Workshop #1: February 2024

Details about 2 RFAs for Opportunity Pool awards were provided: (1) [ATLAS-D2K](#) (the Analysis, Technology, Leadership, Administration, and Science Data To Knowledge Center); and (2) [OKRA](#) (the George M. O'Brien Kidney Resource Alliance).

Workshop #2: April 2024

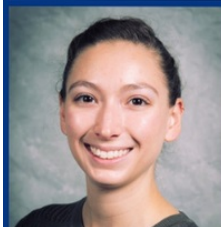
Tips on using inclusive and non-stigmatizing language in grant applications, manuscripts, and health communications were provided. Speakers addressed the importance of emphasizing people over labels, cultural humility, building bridges, and breaking barriers in our communications.

Next Workshop - Wednesday, June 12



UPCOMING EVENT: OVERVIEW OF NDRI-HTORR (HUMAN TISSUES AND ORGANS FOR RESEARCH RESOURCE) PROGRAM

Learn how investigators can leverage the National Disease Research Interchange's (NDRI) Human Tissues and Organs for Research Resource (HTORR) Program to obtain human biospecimens necessary for generating preliminary data and demonstrating project feasibility. Through the HTORR Program, biomedical researchers gain access to donated normal and diseased human tissues and organs obtained through tailored procurement, processing, preservation, and distribution procedures.



SPEAKER:
Valerie Estela-Pro, PhD
External Scientific
Affairs Manager, NDRI

June 12th, 2024
@1:00 PM ET
12 PM CT | 10 AM PT

EVENTS & DEADLINES

EVENTS

June 5: [UW-Madison Urology O'Brien Center symposium](#), keynote lecture (hybrid, 6:30 PM Eastern)

June 6: [UW-Madison Urology O'Brien Center symposium](#), plenary session (hybrid, 9-1 PM Eastern)

June 6: [CAIRIBU Collaborative Summit](#), Madison, WI, 12:15-5:30 PM (virtual; 1:15-6:30 PM Eastern)

- [State-of-the-science presentation](#), Indira Mysorekar, PhD (virtual, 3:40 PM Eastern)
- [State-of-the-science presentation](#), William Ricke, PhD (virtual, 4:15 PM Eastern)
- [State-of-the-science presentation](#), Janet Keast, PhD (virtual, 4:50 PM Eastern)

June 7: [CAIRIBU Collaborative Summit](#), Madison, WI, 9-3:30 PM (virtual only from 10-11 AM Eastern)

- [Keynote address](#), Christopher Mullins, PhD (virtual, 10:00 AM Eastern)
- [Keynote address](#), Alisa Stephens-Shields, PhD (virtual, 10:30 AM Eastern)

June 12: [CAIRIBU Grant Resource Workshop](#): NDRI-HTORR resources (virtual, 1 PM Eastern)

June 13: CAIRIBU O'Brien Center Leaders Meeting (virtual, 5 PM Eastern)

June 13: [CAIRIBU K12 Scholar Seminar](#): Alexandra Polasko, PhD, MS (virtual, 5 PM Eastern)

July 3: [I3 - Innovative Idea Incubator](#), UW-Madison O'Brien Center seminar (virtual, 3 PM Eastern)

July 11: CAIRIBU Community Leaders Meeting (virtual, 5 PM Eastern)

July 17: [CAIRIBU Graduate Student Seminar](#): Layla Jeries & Namrata Sawant (virtual, 2 PM Eastern)

July 19: [CAIRIBU O'Brien Center Summer Student Research Jamboree](#) (virtual, 1 PM Eastern)

Check the [EVENTS LISTING](#) on the CAIRIBU website for updates and other events

Openings! Postdocs, Scholars, and More



Are you reading the newest publications from investigators and trainees in the CAIRIBU Community?
Updated monthly

NOTABLE RECENT PUBLICATIONS:

[Performance of Urinalysis Parameters in Predicting Urinary Tract Infection: Does One Size Fit all?](#) Clin Infect Dis 2024. Sonali D Advani *et al.*

[Female Type 1 Diabetic Akita Mice Demonstrate Increased Bladder Contractility via FP Receptor Activation due to NLRP3-Mediated Inflammation.](#) Front Biosci 2024. Michael R Odom *et al.*

[Trends in experimental autoimmune prostatitis: insights into pathogenesis, therapeutic strategies, and redefinition.](#) Am J Clin Exp Urol 2024. Robbie Sj Manuel & Chad M Vezina.

[Evaluating symptom severity and urinary cytokine levels in interstitial cystitis/bladder pain syndrome patients, with and without Hunner's lesions.](#) Am J Clin Exp Urol 2024. Bernadette Mm Zwaans *et al.*

HAVE YOU WATCHED THIS?

The [CAIRIBU YouTube Channel](#) features videos from CAIRIBU virtual events and other recordings. See below for a list of just some of the content:

[CAIRIBU Catalyst Conversations](#), feature cutting-edge presentations by experts in their fields. [Adam Kuchnia, PhD](#) (UW-Madison Nutritional Sciences Department) discussed his research on assessing muscle quality, sarcopenia, and mitochondrial function in May.

[CAIRIBU Urobiome Knowledge Exchanges](#) feature recorded presentations and 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](#) feature presentations on a variety of topics of interest to trainees and early-stage investigators.



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 (KURe) Career Development Programs (K12)

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

Urological Epidemiology (KUroEpi) Institutional 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

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, [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](#)

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](#)