



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology
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CAIRIBU EVENTS



Wednesday-Friday, December 4-6
Westin Milwaukee, Milwaukee, WI

In-person only

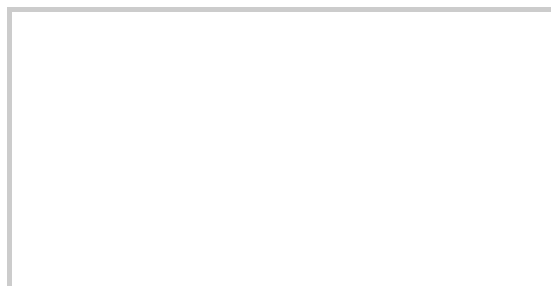
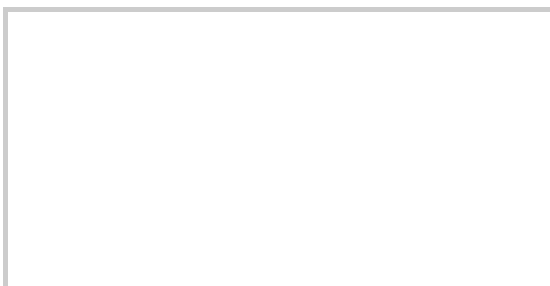
Abstract deadline: Fri., October 11, 2024 (cash prizes available)

MEETING SCHEDULE - Be sure to register and reserve lodging. The lodging discount expires soon.

Wed., Dec. 4, 8:30-12:00 PM	<u>TRAINEE PRE-MEETING</u>
Wed., Dec. 4, 12:30-7:00 PM	DAY 1, CAIRIBU Meeting
Thurs., Dec. 5, 8:30-7:00 PM	DAY 2, CAIRIBU Meeting
Fri., Dec. 6, 8:30-1:00 PM	DAY 3, CAIRIBU Meeting

SCIENTIFIC PROGRAM

Investigators and trainees from current CAIRIBU U54 and P20 Centers and from CAIRIBU K12 Career Development Programs will share their research during the program. Additional speakers during networking and interactions sessions are scheduled.





The CAIRIBU meeting emphasizes aging-related function and dysfunction in the lower urinary tract this year. [Dr. George Kuchel](#), Professor of Medicine and Director of the UConn Center on Aging at the University of Connecticut, is an expert in aging research. He will be the **keynote speaker** in the CAIRIBU meeting on Thursday morning and will also participate in a mock grant review session during the trainee pre-meeting program (Wednesday morning, December 4).



[Dr. Johanna Hannan](#), scientist at the University of Wisconsin-Madison (formerly at East Carolina University) studies mechanisms of genitourinary dysfunction in men and women. Primary goals of her research are to elucidate how the vasculature and nerves are affected, prevent vascular dysfunction and neurodegeneration, and promote vascular health and neuroregeneration. She is the **keynote speaker** on Wednesday afternoon.

ABSTRACTS - Deadline 10/11/2024!!!

Abstracts from trainees and early-stage investigators (those within 10 years of terminal degree) are accepted. "Best Abstract" and "Best Poster" awards are available. Up to 3 best abstracts will be selected for podium presentations. \$\$\$ **Cash Awards** are available to presenters whose abstracts score highly in the category, "Aging in the Lower Urinary Tract." Deadline is October 11; follow preparation and submission guidelines [HERE](#).



More meeting details, lodging info, and link to register for the 2024 CAIRIBU meeting [HERE](#)

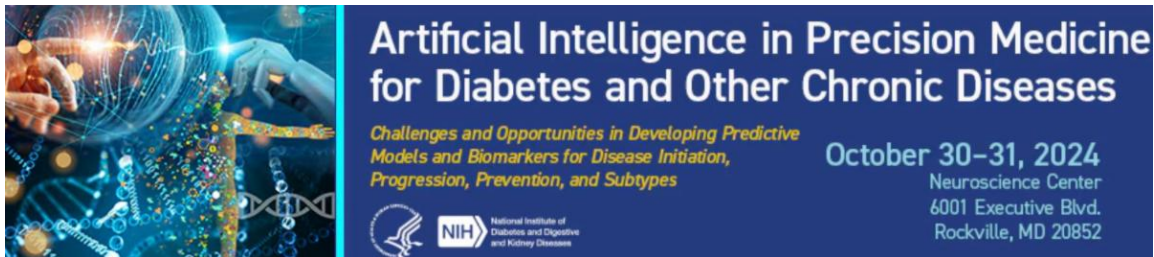


UROBIOME RESEARCH HOURS. Monthly, virtual knowledge exchanges are scheduled through May 2025. These knowledge exchanges are organized by the [CAIRIBU Urobiome Research Interest Group](#) (RIG), one of several RIGs within the CAIRIBU Community. The Urobiome RIG is on the way to developing collaborative interdisciplinary working groups to address knowledge gaps and research needs. Urobiome Research Hours provide a platform for investigators in the urobiome field to share their knowledge and research. Discussions like these are critical for developing research collaborations that move urobiome science forward and address the clinical needs of patients whose lower urinary

tract diseases and disorders are urobiome-related.

Tune in monthly at 3:00 PM Eastern (2 PM Central | 12 PM Pacific). Zoom link for the October 18th urobiome knowledge exchange available [HERE](#).



NIDDK EVENTS



Artificial Intelligence in Precision Medicine for Diabetes and Other Chronic Diseases

Challenges and Opportunities in Developing Predictive Models and Biomarkers for Disease Initiation, Progression, Prevention, and Subtypes

October 30–31, 2024
Neuroscience Center
6001 Executive Blvd.
Rockville, MD 20852

  National Institute of Diabetes and Digestive and Kidney Diseases

This is a hybrid event; both in-person and virtual participation are available

Artificial intelligence (AI) and machine learning in biomedicine have enhanced biomarker development and drug discovery, improved diagnostics, and may lead to more personalized and effective health care. New AI approaches, such as generative AI and Large Language Models, hold potential to further revolutionize biomedicine. This workshop brings together biomedical researchers and AI experts to discuss challenges, gaps, and opportunities in leveraging AI and other data science advances for advances in personalized healthcare. MORE INFORMATION [HERE](#)

TRAINEES & ESIs



 **GRADUATE STUDENT Seminar Series**

Every other month, 3rd WEDNESDAYS

2:00 PM Eastern (1 PM Central | 11 AM Pacific)

Schedule available [HERE](#)

Nov. 20 - Zoom link [HERE](#)

Julia Tlapa

Graduate student, University of Wisconsin-Madison (mentor, Kimberly Keil Stietz, PhD)





CAIRIBU ARCTICS Community Forums

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

CAIRIBU-affiliated trainees and early-stage investigators met earlier this year and developed a fabulous list of ideas for ARCTICS seminars, all aimed at building skills, increasing knowledge, and boosting trainees' abilities to plan and develop independent careers in genitourinary research.

NEXT SEMINAR: WEDNESDAY, OCTOBER 9

TOPIC: Training for Independence - Running a Lab or Research Group

TIME: 2:30-3:30 PM Eastern (1:30 PM Central | 11:30 AM Pacific)

LINK TO JOIN available [HERE](#)



Join Kimberly Keil Stietz, PhD, Walid Farhat, MD, GPLLM (both of University of Wisconsin-Madison) and James Brooks, MD (Stanford University and PI of the Stanford U54 Urology O'Brien Center) as they share their experiences in getting started in their research careers and set up their research labs. Bring your questions!

Future ARCTICS seminars through 2024:

- **November 13**: NIH as a Career Path for Urology Investigators (features Chris Mullins, PhD, Jenna Norton, PhD, MPH, and Daniel Gossett, PhD - all of the NIDDK Division of Kidney, Urologic, and Hematologic Diseases)
- **December 9**: Training for Independence - Budgeting for Your Research and Lab (features Johanna Hannan, PhD - University of Wisconsin-Madison; Jill Macoska, PhD - University of Massachusetts Boston; and Petra Popovics, PhD - Virginia Health Sciences at Old Dominion)

K12 Career Development Positions

Launch your career from early-stage to independent urology investigator or clinician-scientist. Apply for a position at a CAIRIBU K12 Institutional Career Development Program. Currently, the Multidisciplinary Urologic Research Career Development Program at [Duke University](#) (PI, Cindy Amundsen, MD) and the Urologic Epidemiology Career Development Program at the [University of California San Francisco](#) (PI, Alison Huang, MD) are accepting applications for 2024 and 2025.

SAVE THE DATE

SAVE THE DATE UROBIOME 2025

On behalf of Linda Brubaker, MD, Professor of Obstetrics, Gynecology & Reproductive Sciences at UC San Diego, we announce the **2025 Urobiome Conference** on February 24.

Researchers will present the emerging science of the **UROBIOME** and its recently discovered implications for human health, including common conditions such as urinary tract infection, urinary incontinence, and bladder overactivity.



Location: UC San Diego, Scripps Institution of Oceanography, Robert Paine Scripps Forum for Science, 8610 Kennel Way, La Jolla, CA 92037

Agenda, speaker information, and registration link to follow

WHO IS CAIRIBU? Your photos needed



We will feature YOU on the [CAIRIBU website](#) landing page

Send a high-quality photo of your lab or research group to CAIRIBU Interactions Core at CAIRIBU@urology.wisc.edu

EVENTS AND DEADLINES OF INTEREST TO THE CAIRIBU COMMUNITY

For all CAIRIBU Community events, as well as those from organizations and societies within the broader urology research community, check the [EVENTS LISTING](#) on the CAIRIBU website

Wed., Oct. 2	Deadline: SUFU 2025 Winter Meeting abstracts are due	Abstract guidelines and submission info HERE
Wed., Oct. 9	CAIRIBU ARCTICS Community Forum : Training for	Virtual, 1:00 PM Eastern (12 PM Central 10 AM Pacific)

	independence - running your lab or research group	
Thurs., Oct. 10	Meeting: Bi-monthly CAIRIBU O'Brien Center Leaders (OCL)	Virtual, 4:00 PM Eastern (3 PM Central 1 PM Pacific)
Fri., Oct. 11	Deadline: CAIRIBU annual meeting abstracts are due	Abstract preparation and submission guidelines HERE
Fri., Oct. 18	CAIRIBU Urobiome Research Hour : Monthly interdisciplinary knowledge exchanges	Virtual, 3:00 PM Eastern (2 PM Central 12 PM Pacific)
Wed.-Thurs., Oct. 30-31	NIDDK Workshop : Artificial intelligence in precision medicine	Hybrid over 2 days (virtual & in-person in Bethesda)

Openings! Postdocs, Scholars, and More

Check the [CAIRIBU Kiosk](#) for updates



NOTABLE RECENT PUBLICATIONS (CAIRIBU-affiliated authors are highlighted)

[Diagnosis and management of primary hyperoxalurias: best practices](#) *Pediatric Nephrology*, 2024. Michael M, Harvey E, Milliner DS, Frishberg Y, Sas DJ, Calle J, Copelovitch L, **Penniston KL**, Saland J, Somers MJG, Baum MA

[Prospective follow-up of overactive bladder symptoms in patients with prior SARS-CoV-2 infection](#). *Neurourology and Urodynamics*, 2024. Padmanabhan P, Roberts LH, **Chancellor MB**, Peters KM, **Zwaans BMM**

[Association between kidney stones and CKD: a bidirectional Mendelian randomization study](#) *Journal of the American Society of Nephrology*, 2024. Zhou LT, Ali AE, **Jayachandran M**, Haskic Z, Harris PC, Rule AD, **Koo K**, McDonnell SK, Larson NB, **Lieske JC**

[Structural changes in brain white matter tracts associated with overactive bladder revealed by diffusion tensor magnetic resonance imaging: findings from a Symptoms of Lower Urinary Tract Dysfunction Research Network cross-sectional case-control study](#). *Journal of Urology*, 2024. Lai HH, Rutlin J, Smith AR, Helmuth ME, **Hokanson JA**, Yang CC, **Clemens JQ**, Magnotta VA, Bretschneider CE, Kenton K, DeLancey JOL, John K, Kirkali Z, Shimony JS

[CCR2+ monocytes/macrophages drive steroid hormone imbalance-related prostatic fibrosis](#). *Scientific Reports*, 2024. Popovics P, Silver SV, Uchtmann KS, Arendt LM, **Vezina CM**, Ricke WA

[Strict glucose control and elimination of NLRP3-induced inflammation prevents diabetic bladder dysfunction in the female Akita mouse model](#). *Neurourology and Urodynamics*, 2024. Hughes Jr FM, Harper SN, Jin H, **Odom MR**, Purves JT

Visit the CAIRIBU website [HERE](#) to view and search the brand new, redesigned, and up-to-date list of publications by CAIRIBU-affiliated investigators. The CAIRIBU Interactions Core uses bibliometric techniques to identify and archive CAIRIBU-affiliated publications. Publications from 2020 forward are there. You may sort by journal, publication date, topic, and more.



CAIRIBU YOUTUBE

Featuring videos from virtual events and other recordings

CAIRIBU YouTube Playlists serve as "channels" that correspond to your research interests

CAIRIBU Interactions Core staff recently categorized all CAIRIBU YouTube content by specific area within the lower urinary tract (nearly 100 videos!). Now you can quickly find recordings in which you are most interested (e.g., bladder, prostate, infection, etc.). Content related to trainees is also categorized. Look [HERE](#).



Email the CAIRIBU Interactions Core

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

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

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

1. Duke University
2. University of Wisconsin-Madison
3. Stanford University

Urological Epidemiology (KUroEpi) Institutional Research Career Development Programs (K12)

1. University of California San Francisco-Kaiser Permanente Northern California
2. 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

1. Mayo Clinic Rochester (2022-2025)
2. Duke University (2022-2025)
3. Children's Hospital of Philadelphia (2024-2027)
4. NorthShore University HealthSystem (2024-2027)

CAIRIBU Interactions Core (U24)

- PI, **Kristina Penniston, PhD, RDN**
- Research Communications & Outreach, **Mariana Coughlin, MS**
- Researcher, **Muen Wang, BS**
- Admin Assistant, **Annie Mao**
- Student researcher, **Anna Barrett**

NIDDK Program Officers who oversee the CAIRIBU Interactions Core and the U54 Urology O'Brien Centers:

- [Christopher Mullins, PhD](#)
- [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](#)

