

CAIRIBU COMMUNIQUE November 2023

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Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

Almost here...

The ANNUAL CAIRIBU MEETING

Nov. 29-Dec. 1, 2023

Have you registered? If not go **HERE**

Hotel rooms available only for another day or so; book <u>HERE</u>



Marriott Kansas City Downtown Kansas City, MO

Wednesday, Thursday, Friday November 29, November 30, December 1

WHAT TO KNOW BEFORE YOU GO

If you plan to participate in the annual <u>Pre-Meeting for Trainees</u> - Wednesday, Nov. 29 from 8:00 AM to 12 noon - be sure to arrive on Tuesday and reserve a hotel room. This year's pre-meeting features:

- 1. Mock grant review session. "Fish bowl" scenario during which a few trainees will review and discuss actual research proposals according to how NIH scientific review committees function; remaining trainees will observe and have an opportunity to ask questions. This activity will be overseen by Tracy Rankin, PhD, MPH (NIDDK Program Director), Chad Vezina, PhD (PI of the UW-Madison CAIRIBU KURe K12 Program), and Charles Scales, Jr., MD, MSHS (PI of the coordinating center for the Urinary Stone Disease Research Network).
- 2. Choice of 2 courses.
 - Epidemiology and Biostatistics in Urology Research (led by *Aruna Sarma, PhD, MHA*, PI of the University of Michigan CAIRIBU KUroEpi K12 Program)
 - Integrating Team Science into the Trainee's Journey Toward Independence (led by Whitney Sweeney, PhD, Scientist in the UW-Madison Institute for Clinical and Translational Research).

The CAIRIBU Meeting officially commences at 12:30 PM Wednesday, Nov. 29 and adjourns at 1:00 PM Friday, December 1

ABSTRACTS

Nearly 50 abstracts from trainees and early-stage investigators (defined by NIH as those within 10 years of their terminal degree) will present their abstracts in the poster session on Wed., Nov. 29. Urology research reflecting basic science research, clinical and

translational research, and epidemiology will be presented. "Best Posters" will be awarded.

NETWORKING AND INTERACTIONS

Wednesday, Nov. 29 - Pick one of the following:

1. <u>Developing and Using IDPs</u> - NIH strongly recommends grad students and postdocs have Individual Development Plans (IDPs). Want to know how to get started? Want help developing yours? Need feedback on your already-prepared IDP? Faculty "advisors" are available for one-on-one consultation. PLAN TO PARTICIPATE? > CONTACT JENNIFER ALLMARAS (allmaras@wisc.edu).



- Practice Your Chalk Talk Chalk talks are frequently required in academic settings and for job interviews. Want to practice your chalk talk and get valuable feedback from faculty advisors? PLAN TO PARTICIPATE? > CONTACT JENNIFER ALLMARAS (allmaras@wisc.edu).
- 3. <u>Develop and Pitch a Research Question</u> A well-developed research question is the basis for grant applications and specific aims pages. Individuals or small groups practice the succinct and coherent pitching of their research questions and/or hypotheses and get help improving and sharpening them (no advance notice needed).
- 4. <u>Research Jam</u> A grant-worthy research question first requires the identification of a critical knowledge gap and an idea of how to address it. Small groups will practice identifying critical knowledge gaps in urology research and generate novel ideas for how to study them that can be later transformed into specific research questions and aims (no advance notice needed).

Thursday, Nov. 30 - Brainstorm with others about these critical issues:

- 1. Stemming the Academic Brain Drain
- 2. Forming and Maintaining MD-PhD Collaborations
- 3. The Future of Non-Malignant Genitourinary Research
- 4. The Role of Patients and Patient Organizations in Genitourinary Research

There will also be time on Thursday and elsewhere during the program for <u>CAIRIBU</u> <u>Research Interest Groups</u> (RIG) to meet. These include the Urobiome RIG, Urolithiasis RIG, Aging in the Lower Urinary Tract RIG, Neuro-Urology RIG, and others.

OTHER CAIRIBU MEETING INTERACTIONS

 Thursday night dinner is on your own (all other meals provided with registration). The CAIRIBU Interactions Core has reserved space for small dining groups at various restaurants in Kansas City's Power & Light District, near the hotel, each with a different CAIRIBU investigator as "host." SIGN UPS AVAILABLE AT THE MEETING.



- "Wheel of Urology" Throughout the meeting, teams will vie for prizes by spinning the wheel and playing "Wheel of Urology."
- CAIRIBU Cornhole Corn is Missouri's biggest crop. While having nothing to do with corn or Missouri *per se*, plan on playing a round or two of CAIRIBU Cornhole just for fun. To participate in the tournament, team sign-ups will begin at 12:30 PM on Meeting Day 1 at the registration table. There's room for 8 teams of 2 people each. First come-first served. Round 1 is Wednesday afternoon. GET YOUR TEAMS READY!

For more information about the CAIRIBU meeting, go to the CAIRIBU website<u>HERE</u>. A detailed meeting program will be available within the next 2 weeks.

TRAINEES AND ESIS

CAIRIBU ARCTICS Community Forum



WEDNESDAY, Nov. 8 (virtual)
1:00 PM Eastern (12 PM Central | 10 AM Pacific)
Zoom link available HERE

Grant mechanisms for moving to the next stage of your research career

Dr. Tracy Rankin, Deputy Director and Program Director of the NIDDK Division of Kidney, Urologic, & Hematologic Diseases, will help participants identify specific grant mechanisms that are relevant through the various stages of their training and development. She will also describe differences between NIH training grant and other mechanisms. Zoom link available on the CAIRIBU website HERE.

Monthly (virtual) CAIRIBU ARCTICS Community forums are scheduled through the end of 2023 - more information HERE

CAIRIBU Trainees at SBUR Meeting

Trainees from multiple current and prior CAIRIBU-affiliated Centers and Programs will present abstracts at the 2023 meeting of the Society for Basic Urologic Research in San Antonio, November 9-12. **Abstracts are available for viewing HERE**. Information about other CAIRIBU presentations and lectures at the meeting is **HERE**.

CAIRIBU Graduate Student Seminar



WEDNESDAY, Nov. 15 (virtual)
2:00 PM Eastern (1 PM Central | 11 AM Pacific)
Zoom link available HERE

Thulium fiber laser lithotripsy

Junqin Chen is a graduate student in the laboratory of Pei Zhong, PhD, Professor in the Thomas Lord Department of Mechanical Engineering and Materials Science. Dr. Zhong is

the PI of the CAIRIBU P20 FORWARD Center at Duke University. Chen will describe the group's research into the mechanism of action of the thulium fiber in laser lithotripsy of stones in the urinary tract and of potential thermal side effects of this new fiber type. Zoom link available on the CAIRIBU website <u>HERE</u>.

More bi-monthly (virtual) CAIRIBU Graduate Student Seminars will be scheduled for 2024 | Watch for news on the CAIRIBU website or in future issues of the CAIRIBU Communique.

CAIRIBU RESEARCH

Urobiome Research Interest Group Monthly Virtual Research Hours



The <u>CAIRIBU Urobiome Research Interest Group</u> (U-RIG) is a group of collaborative-minded investigators and clinicians from a variety of disciplines interested in advancing science related to urinary microbiota and urinary tract health and function. Recognizing that research collaborations are not possible without the exchange of knowledge, the CAIRIBU U-RIG has organized virtual "research hours" to bridge the gaps in urobiome research and foster collaborations. Each hour will feature 1-2 investigators who describe

their work followed by dedicated time for group discussion, enabling participants to identify promising areas for interactions with the potential to drive novel transformative research. Each research hour will be recorded and archived on the CAIRIBU YouTube page.

Next URIG Research Hour... Friday, Nov. 17 (virtual)

3:00 PM Eastern (2:00 PM Central | 12:00 PM Pacific)

Zoom link available HERE

Featuring:

- Maria Hadjifrangiskou, PhD, Associate Professor, Division of Molecular Pathogenesis, Department of Pathology, Microbiology & Immunology, Vanderbilt University Medical Center
- Alan Wolfe, PhD, Professor, Microbiology and Immunology; Co-Director, Loyola Urinary Education and Research Collaborative, Loyola University Chicago

The CAIRIBU U-RIG Research Hour, organized by Nicole De Nisco, PhD and Michael Neugent, PhD (UT Dallas), is an ongoing monthly series taking place on the third Friday of every month from September 2023 through April 2024. Each installment will bring fresh insights, knowledgeable speakers, and ample opportunities for networking and collaborative research leading to new grant proposals.

K12 Scholar News



Jennifer Yarger, MD, K12 Scholar in the <u>University of California-Kaiser Permanente CAIRIBU KUroEpi Program</u> (PIs, Alison Huang, MD and Stephen Van Den Eeden, PhD), recently won funding from the Office of Population Affairs of the US Department of Health and Human Services. Dr. Yarger and her team of partners at the UCSF Education, Training, and Research Associates will rigorously evaluate "Yes & Know!," a fully virtual intervention that integrates group-based education with digital tools to support the relationship-building and

healthy life skills of young people ages 14-19. The overarching goal is to reduce unintended pregnancy and sexually transmitted infections. The 5-year project is expected to add to the evidence base for fully digital sexual health interventions for youth, focusing on underserved youth populations in rural communities in the US.

Dr. Yarger's research complements work Dr. Huang is pursuing related to remote and telehealth care for urinary tract and other genitourinary infections in young adults.

UROLOGY RESEARCH FUNDING



ISAC Awards

The Innovative Science Accelerator Program accepts 3-page essays describing your research proposal. The program aims to provide seed funding for exceptionally innovative, disruptive (high-risk/high-reward) research relevant to KUH research communities. Applicants

may request up to \$100,000 Total Costs (Directs + Indirects). **Next application deadline is December 15, 2023.** More information *HERE*.

Other Awards

Don't forget that CAIRIBU Interactions Core staff review the weekly NIH funding announcements and other sources in order to keep you



up-to-date on current research funding opportunities. Information about CAIRIBU-related awards is on the CAIRIBU website <u>HERE</u>. Information about extramural funding opportunities HERE.

UPCOMING EVENTS

Nov 8: CAIRIBU ARCTICS Community Forum, NIDDK Grant Mechanisms (virtual, 1 PM Eastern)

Nov 9: CAIRIBU Community Leaders Meeting (virtual, 4 PM Eastern) - CANCELLED

Nov 9-11: Society for Basic Urologic Research annual meeting (San Antonio, TX)

Nov 15: <u>CAIRIBU Graduate Student Seminars</u>, Junqin Chen, Duke P20 Center (virtual, 2 PM Eastern)

Nov 17: CAIRIBU Urobiome Research Interest Group Research Hour (virtual, 3 PM Eastern)

Nov 29-Dec 1: CAIRIBU Annual Meeting (Kansas City, MO)

Dec 7-9: Society for Pelvic Research 2023 Annual Meeting (Savannah, GA)

Dec 13: <u>CAIRIBU ARCTICS Community Forum</u>, Memoirs of Starting a Lab (virtual, 1 PM Eastern)

Dec 14: CAIRIBU O'Brien Center Leaders Meeting (virtual, 4 PM Eastern)

Dec 15: CAIRIBU Urobiome Research Interest Group Research Hour (virtual, 3 PM Eastern)

Jan 10: CAIRIBU ARCTICS Community Forum, Grant Resubmissions (virtual, 1 PM Eastern)

Jan 11: CAIRIBU Community Leaders Meeting (virtual, 4 PM Eastern)

Jan 19: <u>CAIRIBU Urobiome Research Interest Group Research Hour</u>(virtual, 3 PM Eastern)

Jan 26-27: Research on Calculus Kinetics Society annual meeting (Minneapolis, MN)

Check the **EVENTS LISTING** on the CAIRIBU website for updates and other announcements



Events, Jobs, News

Check the <u>CAIRIBU Kiosk</u> frequently for updates. Are you an investigator looking for a postdoc or fellow? Let the <u>CAIRIBU Interactions Core know</u>. We will post it on the website and use <u>CAIRIBU social media</u> to promote it.



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 <u>HERE</u>.



HAVE YOU WATCHED?

The <u>CAIRIBU YouTube Channel</u> features videos from CAIRIBU K12 Scholar seminars, CAIRIBU Catalyst Conversations, CAIRIBU ARCTICS forums, and MORE.



Email the CAIRIBU Interactions Core

Email the CARGO Interactions core

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

University of Wisconsin-Madison (2014-2019)

Kristina L. Penniston, PhD, RDN, FAND

PI, CAIRIBU U24 Interactions Core (U24-DK127726)

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Department 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)

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

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

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

Exploratory Centers (P20) for Interdisciplinary Research in Benign Urology

- Michigan Interdisciplinary Center for Urology Research and Education (MI-CURE) (2021-2023)
- Children's Hospital of Philadelphia-University of Pennsylvania (2020-2022)
- Medical College of Wisconsin (2020-2022)
- University of Alabama at Birmingham (2018-2020 and 2020-2022)

NIDDK Program Officers

Chris Mullins, PhD, Project Scientist Deepak Nihalani, PhD, Program Official

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 Centers and Programs whose overarching objectives are to address the gaps in knowledge related to epidemiology, etiology, development, progression, and expression of benign urologic conditions and to train the next generation of leaders in benign urology research

Learn More Here