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Benign Urology Research



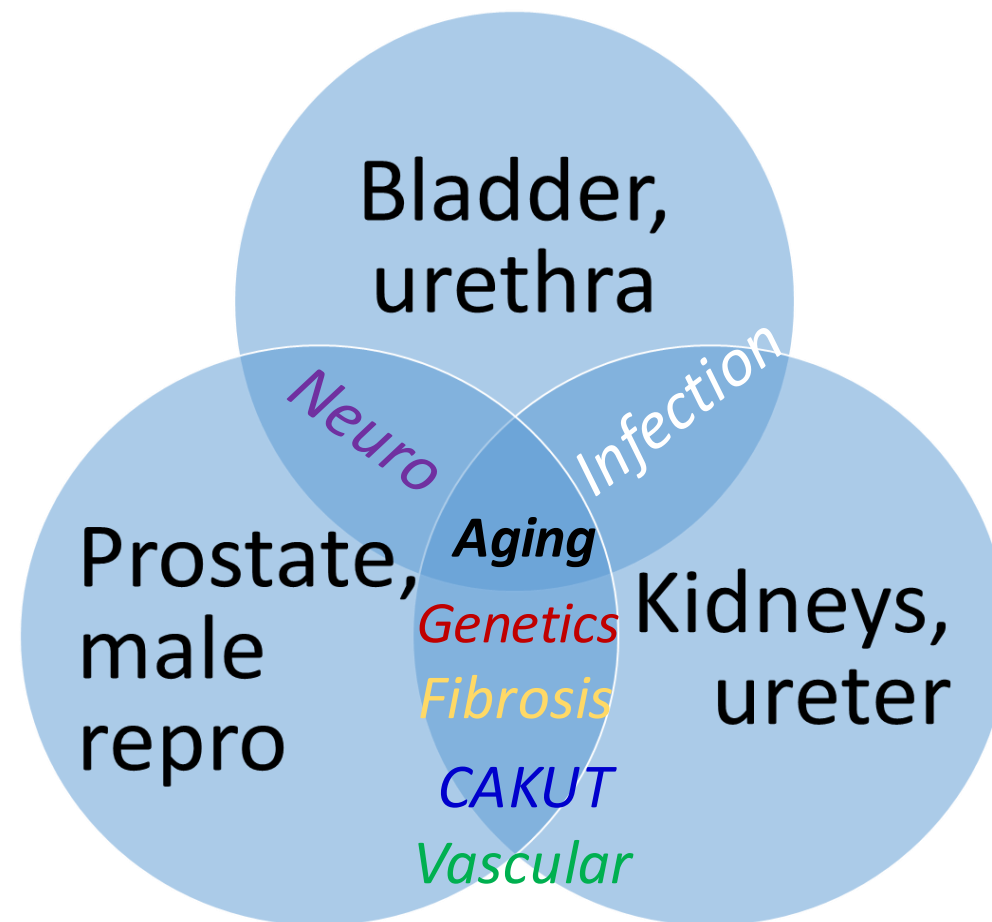
- The need for urology research
- CAIRIBU Community
 - CAIRIBU Interactions Core
 - CAIRIBU website and resources
 - CAIRIBU engagement
 - CAIRIBU funding
- Capacity building
- Collaboration building
 - American Urological Association
 - Nathan Shock Centers (NIA-funded network focusing on biology of aging)



Non-Cancerous Urologic Conditions



- Hundreds of millions worldwide affected
- **Not so “benign”**
- High costs
- Hidden burden
- Many knowledge gaps, unanswered questions



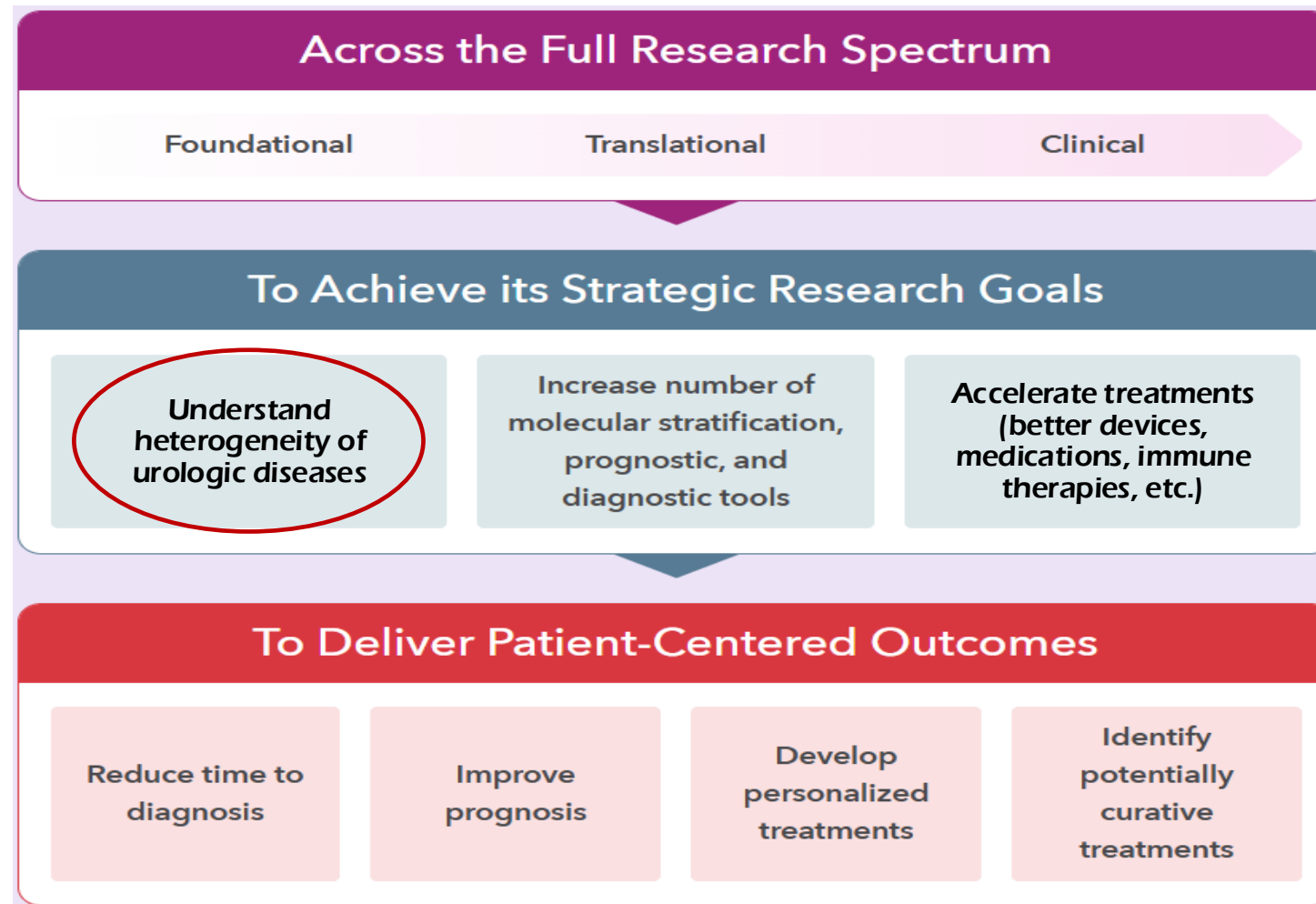
Urology research workforce



- More than 60% of all US counties don't have a practicing urologist
- 30% of urologists are ≥ 65 years
- Low exposure in med school
- Formally trained urology surgeon scientists (MD/PhD or MD + PhD) represent 0.35% of the active urology physician workforce
- Only about 20% of urology residencies offer a year of dedicated research with protected time
- Huge med school debt makes research (and academia) less attractive

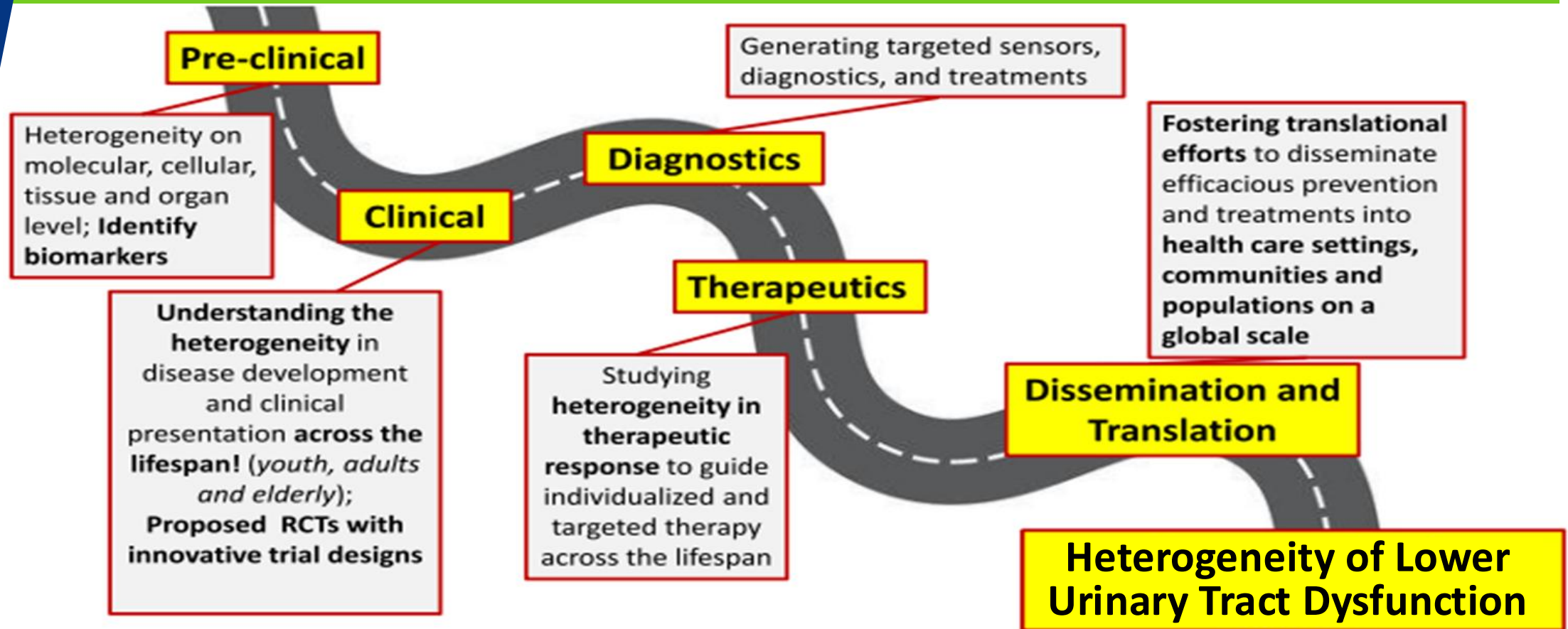
- Nam et al, JAMA Netw Open 2021;4:e2133864
- Eberli and Atala, Indian J Urol 2009;25;217-20
- Puhalla et al, J Sex Med 2024;21:S7, abstract

Better patient care for patients with urologic diseases



(Adapted from Lupus Research Alliance, <https://lupusresearch.org>)

Heterogeneity in non-malignant urologic diseases is a major challenge



(Adapted from Franks et al, J Clin Endocrinol Metab, 2024;dgae844)



The CAIRIBU Community. Catalyze collaboration across disciplines to identify and address knowledge gaps related to biology, physiology, biochemistry, genomics, genetics, and metabolism of benign GU diseases

Goals:

1. **Support** next generation of urologic researchers
2. **Enhance** knowledge of mechanisms of the GU tract
3. **Cultivate** new research tools and ideas by expanding the collaborative network
4. **Reduce** burden of urologic illness and disability



CAIRIBU Interactions Core creates transdisciplinary Infrastructure to promote research collaborations, encourage and embrace new investigators into the field, and train and mentor the next generation



CAIRIBU Research Community



- Community of funded U54 Centers, P20 Centers, and K12 Programs
- Investigators and trainees from previously funded Centers and Programs
- Collaborators and colleagues of CAIRIBU-affiliated investigators and trainees
- **Anyone at any career stage interested in building a urology research community**



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

CAIRIBU Interactions Core



Trainees are the future

The CAIRIBU Community – from leaders in the field to NIDDK Program Officers to the CAIRIBU Interactions Core – prioritize trainees and early-stage investigators



Newsletter



CAIRIBU Journal



Publications



Centers & Programs



CAIRIBU Website

Stay in the Know



CAIRIBU

Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

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Our Resources



CAIRIBU RESOURCES

CAIRIBU Communique

The CAIRIBU Communique is a monthly newsletter produced by the CAIRIBU Interactions Core to share news and updates on research, events, funding, and ways to connect with the CAIRIBU community. The Communique is published on the *first of every month*.

→ View latest Communique



CAIRIBU RESOURCES

Trainee Newsletter

The CAIRIBU Trainee Newsletter is a new initiative designed to provide trainees with a quarterly update featuring valuable resources and articles contributed by CAIRIBU investigators. The Newsletter is published quarterly, in the *middle of the month on Jan, April, July, and October*.

→ View latest Trainee Newsletter



CAIRIBU RESOURCES

CAIRIBU Journal

The CAIRIBU Compass is an e-journal produced by the CAIRIBU Interactions Core. Research areas include bladder, prostate, urinary system, and the female pelvic health and male reproductive systems. The Compass is published quarterly in the *middle of the month on March, June, Sept, and Dec*.

→ View latest CAIRIBU Compass

About Us

Funding

Investigator Publications

CAIRIBU Funding Bulletin



NEW CAIRIBU APP

The new CAIRIBU mobile app brings events, videos, and investigator profiles together in one place to support collaboration across the network. Users can easily find collaborators through searchable community profiles and engage with one another in real time through discussion threads, file sharing, and ongoing conversations.

The CAIRIBU App is now available online! No download necessary. Access the community, resources, and more directly from your browser.

→ See the new CAIRIBU App

→ Access on browser

2026 CAIRIBU COLLABORATION AWARDEES



CAIRIBU NEWS

2026 CAIRIBU Collaboration Award Recipients

Based on reviewers' comments and NIDDK Program Officers' review, 3 awards were offered. Congratulations to Nicole Gilbert, PhD, Zohreh Izadifar, PhD, and Alexis Dieter, MD.

→ Read the full article

4TH, 5TH, & 6TH COLLABORATION AWARD RECIPIENTS



CAIRIBU NEWS

2026 CAIRIBU Collaboration Award Recipients

The CAIRIBU Interactions Core was able to offer three additional awards this year. Congratulations to: Dudley Lamming, PhD, Nicholas Steers, PhD, and Lindsey Burnett, MD, PhD.

→ Read the full article

UROBIOME SUMMER MEETING AWARD RECIPIENTS



CAIRIBU NEWS

Urobiome Summer Meeting Award Recipients

Individuals at the Urobiome Summer Meeting were recognized for their exceptional scientific communication for featured abstracts, lightning talks, and a poster session.

→ Read the full article

See More CAIRIBU News



CAIRIBU Website



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

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CAIRIBU News



CAIRIBU NEWS

CAIRIBU News is your source for the latest updates from across our research community, from groundbreaking discoveries and newly funded projects to investigator highlights and upcoming events. Stay connected with announcements, achievements, and opportunities that advance collaboration and accelerate scientific progress within CAIRIBU.

NEWS CATEGORY

Investigator Spotlight

See features of accomplishments by CAIRIBU Investigators.

→ Investigator Spotlights

NEWS CATEGORY

Personnel Updates

See announcements of individuals added to CAIRIBU centers or of new funded centers.

→ See Personnel Updates

NEWS CATEGORY

Award Recipients

See announcements of CAIRIBU investigators securing new funding or awards given at conferences.

→ See Award Recipients

NEWS CATEGORY

Other

See all other CAIRIBU news posts.

→ See other news stories

Investigator Spotlight

Ajinkya Limkar, MD-PhD Candidate, Publishes Preprint in bioRxiv – Explores Link Between Alzheimer’s Disease and Urinary Incontinence

September 4, 2026

Ajinkya Limkar, MD-PhD candidate at UW-Madison and research assistant at the UW-Madison George M. O’Brien Urology Cooperative Research Center, recently published a preprint in bioRxiv journal titled, “Amyloid-beta is present in the spinal cord...

Nicole De Nisco, PhD Editorial – D-Mannose for rUTI Management

September 3, 2026

Nicole De Nisco, PhD, leader of the CAIRIBU Urobiome Research Interest Group, recently published an editorial in the Journal of Urology Open Plus titled “Is D-Mannose Dead in the Water or Is...

Alison Huang, MD, MAS, Receives Funding to Advance Patient-Centered rUTI Research

September 3, 2026

Alison Huang, MD, MAS, was awarded funding by the Patient-Centered Outcomes Research Institute (PCORI) for a proposal in patient-centered healthcare research. Dr. Huang is the PI of the CAIRIBU KUroEpi Career Development...

→ See more investigator spotlight stories

Personnel Updates



New Duke K12 Scholar – Christina Bergemann, PhD

February 12, 2026

Christina Bergemann, PhD, was recently appointed as a K12 Scholar in the CAIRIBU Multidisciplinary K12 Urologic Research Career Development Program (KURe) at Duke University, led by Cindy Amundsen, MD. Duke’s KURe Program...



New UMich UroEPI Scholar

October 17, 2025

Catherine Nam, MD was recently appointed as a K12 Scholar for the CAIRIBU Urological Epidemiology Career Development Program (UroEPI) at the University of Michigan. Congratulations, Dr. Nam!



New UW-Madison KURe Scholars

October 17, 2025

Lindsey Felth Tanaka, PhD and Marcela Ambrogio, PhD were recently appointed as K12 Scholars for the CAIRIBU Multidisciplinary K12 Urologic Research Career Development Program (KURe) at UW-Madison.

→ See more personnel updates





Research Resources



CAIRIBU offers a wealth of research resources designed to support and advance the study of urological health across disciplines.

Explore the sections below to discover a wide range of resources, including those developed by CAIRIBU as well as curated external resources from the broader research community.

CAIRIBU Resources

[CAIRIBU Communique Archive](#)[Trainee Newsletter](#)[CAIRIBU Journal](#)[Trainee & Early Stage Investigator Resources](#)[Data Science for the Non-Data Scientist](#)[Research Interest Groups](#)[CAIRIBU Funding Bulletin](#)

Sep 9 CAIRIBU ARCTICS Community Forum – CAIRIBU Resources & Funding Mechanisms Overview

Kristina Penniston, PhD, RD; Johanny Kugelman-Tonos, PhD; Rozalyn Anderson, PhD

September 9, 2026 @ 1:00 pm EDT – 2:00 pm EDT

[Zoom Link](#)

Oct 7 CAIRIBU ARCTICS Community Forum – Building Your Research Identity: Modern Networking Strategies for Scientists

Kevin Koo, MD, MPH

October 7, 2026 @ 1:00 pm EDT – 2:00 pm EDT

[Zoom Link](#)

Oct 21 CAIRIBU Graduate Student Seminar

Audra Crouch, PhD, Andrew McGlynn, DVM (Hale Lab)

October 21, 2026 @ 2:00 pm EDT – 3:00 pm EDT

[Zoom Link](#)

Nov 11 CAIRIBU ARCTICS Community Forum – How to Design and Present a Scientific Poster

Nathan Tykocki, PhD; Lindsey Felth Tanaka, PhD

November 11, 2026 @ 1:00 pm EDT – 2:00 pm EDT

[Zoom Link](#)[More Events](#)

Quick Links

[Trainee Newsletter](#)[ARCTICS Resources](#)[Mentoring Resources](#)[Grant Writing Resources](#)[Free AUA Course](#)[Additional Resources](#)[Conference Networking Resource](#)

Trainee Newsletter



Trainee Newsletter

The CAIRIBU Trainee Newsletter is a new initiative designed to provide trainees with a quarterly update featuring valuable resources and articles contributed by CAIRIBU investigators. In each issue of the newsletter, trainees have the opportunity to submit questions to be answered by CAIRIBU investigators from across the network.

Along with expert advice, each issue also includes an overview of various NIH funding programs to help guide trainees through the research funding landscape. See below for the articles for the first issue of the Trainee Newsletter.

[→ See all issues](#)



Ask a PI – Johanna Hannan, PhD

July 10, 2026

Question: How do you stay accountable to your writing goals, and what advice do you have for trainees? As trainees and faculty, one of the biggest challenges we face is writing. Manuscripts, dissertations, fellowship applications,...



Ask a Post-Doc – Alexandra Polasko, PhD

July 10, 2026

Question: What inspired you to pursue a career in research, and when did you realize it was the right path for you? For the first 15 years of my life I was...



Ask a PI – Douglas Strand, PhD

April 13, 2026

Question: How did your career path evolve? I had about a year of working in a lab at the University of Virginia during undergrad in 2000, where hardly anything worked. However, a...

[See more articles →](#)

Mentoring Resources

Mentorship Initiatives Program

See the mentor toolkit developed by UW-Madison Institute for Clinical and Translational Research

[Mentorship Initiatives →](#)

AHEAD Program

Advancing Health Equity and Diversity (AHEAD) is a mentored professional development program for UW-Madison postdoctoral scholars conducting research related to health disparities or health equity.

[AHEAD Program →](#)

Paper-based guides & templates

[IDP from the University of Minnesota →](#)

[IDP from the University of Pittsburgh →](#)

[IDP from the University of Wisconsin →](#)

[Lab planning document from Yale University →](#)

IDP Templates for Junior Faculty in Clinical and Translational Research

[Duke Mentoring Plan Worksheet →](#)

[IDP from the UC Davis Medical Center →](#)

[UC Davis Medical Center Mentoring Worksheet →](#)

[UCSF Individual Mentoring Development Plan \(IMDP\) →](#)



CAIRIBU

Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

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Grant Writing Resources

Basics of Grants

Learn the basics of grants including the grant lifecycle, grant policies, grant terminology, and more from Grants.Gov

[See more →](#)

Specific Aims Page

See slides from Dr. Tracy Rankin, PhD, MPH, Deputy Director & Program Director, Division of Kidney, Urologic, & Hematologic Diseases, NIH for the Anatomy of a specific aims page

[See slides →](#)
[Specific aims page example →](#)

CAIRIBU-Affiliated Institutions Booklet

Many institutions have grant writing resources to help investigators and students through the grant application process. Check out this list of institution-specific grant writing resources at CAIRIBU-affiliated institutions.

[See booklet →](#)

Form Help

This video walks you through the FORMS-F version of the PHS Human Subjects and Clinical Trials Information Form used for NIH grant application due dates on or after May 25, 2020. This form is used to collect detailed study-level information for the protocols included in NIH grant applications.

[See video →](#)

Other Proposal Writing Resources

See other grant resources

[Developing Competitive Proposals →](#)
[Record 'Other Support' When Applying For Federal Grants →](#)

Pre-Award Resources

[Basics of the NIH Grants Process Video →](#)[Example Grant Applications →](#)[Comparing Popular Research Project Grants—R01, R03, or R21 →](#)[Types of NIH Applications →](#)[Contacting NIH Staff →](#)[Search for NIH Funding →](#)[NIH's RePORTER Matchmaker Tool →](#)[NIDDK Research Areas – Urology →](#)[Kidney and Urological Systems Function and Dysfunction →](#)[Clinical Studies Supported by NIDDK →](#)[Study Section Selection – Assisted Referral Tool \(ART\) →](#)[All About Grants Podcast: Considerations for a Research Plan →](#)[Center for Scientific Review \(CSR\) →](#)[NIDDK 2025 Award Funding Policy →](#)[NIH Peer Review: "Live" Mock Study Section →](#)

Additional Resources

PI Slack Community

See the new PI Slack community for junior faculty to help one another tackle common challenges

[See Slack Community →](#)

Thriving as an Early-Stage Investigator

See the July 16th Health Equity Leadership Institute video titled: Thriving as an Early-Stage Investigator: The Untold Do's and Don'ts

[See video →](#)

dkNET

dkNET is a search portal that helps researchers find research resources relevant to their research and keep up to date on new tools, services and mandates.

[See more →](#)

dkNET Webinar

See the dkNET webinar titled: Hypothesis Center Live Demo showcasing how to navigate and access tutorials that will teach you how to use FAIR data and bioinformatics tool.

[See video →](#)

1 Minute Flash Talks

See tips and tricks for giving "flash talk" poster presentations at scientific meetings.

[See more →](#)

The Science of Scientific Writing

This article explains how to make your science understandable to your intended audience.

[See article →](#)

Grant Writing Videos

[Writing Specific Aims Statements →](#)[Grant Writing: Reviewer's Perspective →](#)[How to Write a Successful Grant Resubmission →](#)

Career Development Videos

[Strategic Networking: How to approach networking →](#)[How to Write a Good CV and Biosketch →](#)[Interviewing for Research Positions →](#)

Funding Videos

[Navigating the Funding Landscape →](#)[Navigating Industry Funding for Urology Research →](#)[Strategies for Securing Foundation Funding →](#)

Working with Others Videos

[How to Facilitate and MD/PhD Interaction →](#)[Lab Management Fundamentals →](#)[Leading Through Lab Challenges →](#)



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Annual Meeting

Publications & Presentations



Meeting Registration

Register now for the 2026 Annual Meeting. Investigators and trainees engaged in non-malignant urology research are encouraged to attend.

- Register now
- Meeting outline



Plan Your Stay

Book your stay for the 2026 Annual Meeting for a reduced **room rate of \$129/night** until November 7th.

- Book your hotel
- Travel planner guide



Trainee & ESI Social

CAIRIBU is hosting a new Trainee only social event at Camp Tripalindee on **Dec. 8 from 6:00PM – 9:00PM**.

- View Trainee & ESI Social event information



Pre-Meeting Agenda

See the agenda for the 7th annual trainee and early-stage investigator pre-meeting on Wednesday, December 9th.

- See pre-meeting agenda



Abstract Submission

See information about the abstract guidelines for the 2026 meeting. Abstracts are due **October 19, 2026**.

- See abstract guidelines
- Submit an abstract



Travel Awards

CAIRIBU Travel Awards are given to trainees to offset the cost of attending the CAIRIBU Annual Meeting. Awards will be disbursed **AFTER** the conclusion of the meeting.

- See travel award guidelines
- Apply for travel award

CAIRIBU Mentorship Award Nomination

Each year at the CAIRIBU Annual Meeting, outstanding mentors are recognized for their contributions to mentoring the next generation of non-malignant urologic researchers. Nominate a mentor for the 2026 CAIRIBU Mentorship Award.

- Nominate a mentor

CAIRIBU MENTORSHIP AWARD NOMINATION

Nominate your mentor!

Each year at the CAIRIBU Annual Meeting, outstanding mentors are recognized for their contributions to mentoring the next generation of non-malignant urologic researchers.

2026
CAIRIBU
ANNUAL MEETING
MADISON, WI

Download 2025 Pictures

Previous Meetings

Register for 2026 Meeting





Career Launchpad

Find resources and opportunities for non-malignant urology researchers. Below you will find information on funding opportunities, predoctoral and postdoctoral training programs, available postdoctoral positions, K12 career development programs, and other employment opportunities as well as collaborative research groups focusing on specific topics within non-malignant urology. For more information on specific opportunities, contact the listed program officials or contacts. **If you have a posting or announcement for the Career Launchpad, send your request to the CAIRIBU Interactions Core at cairibu@urology.wisc.edu.**

→ Email Us

Undergrad/Graduate Training Programs	→	Pre/Postdoctoral Training Programs	→	Postdoctoral Positions	→
K12 Positions	→	Other Employment	→	Other Training Programs	→

Undergraduate and Graduate Training Programs

[See more training programs →](#)

Pre and Postdoctoral Training Programs

Howard Hughes Medical Institute (HHMI) Hanna H. Gray Fellows Program

September 8, 2026

Up to two years support for postdoctoral scientists with no more than 7 years of postdoctoral experience at HHMI eligible institutions to pursue bold and creative scientific research as they transition to independent...

[See more training programs →](#)

Other Training Programs

[See other training programs →](#)

Postdoctoral Positions

Postdoctoral Position at Pollack Lab Stanford University

August 27, 2026

The Pollack Lab at Stanford University seeks a full-time postdoctoral scholar to lead studies on the molecular and cellular pathogenesis of benign prostatic hyperplasia (BPH). 1y appointment term with possibility to extend....

National Academies of Science Engineering and Medicine (NASEM) National Research Council (NRC) Research Associateship Programs

August 26, 2026

Postdoctoral and senior awards providing scientists and engineers with high-quality research opportunities at federal laboratories and affiliated institutions. Awards are typically for 12 months. Stipend levels vary. [Next deadline: 11/1/26.]

[See more postdoctoral positions →](#)

K12 Positions

HEAL National K12 Clinical Pain Career Development Award (HEAL K12)

August 24, 2026

A mentored career development program to provide protected time for clinician scientists to focus on training in and conducting clinical pain research. Up to \$100K/y salary plus fringe benefits, and \$50K/y in...

University of California San Francisco (UCSF)-Kaiser Permanente Northern California (KPNC) Urological Epidemiology K12 Research Career Development Program (UroEpi K12 Program)

October 29, 2024

UroEpi K12 Program) is inviting early-stage clinical researchers interested in launching research careers in the epidemiology of non-malignant urological conditions to apply for junior faculty K12 scholar positions at either UCSF or KPNC.

[See more K12 positions →](#)

Other Employment

Associate or Full Professor (Ladder Rank/In-Residence) Benign Urology Translational Research Faculty

June 24, 2026

UCSD School of Medicine, Dept of Urology seeks a benign urology translational researcher to serve as the Vice Chair of Basic & Translational Research. [Final review date: 6/11/27.]

Research Associate – Vickman Lab

June 19, 2026

Seeking Research Associate to support ongoing urology research in the Department of Cancer Biology at Endeavor Health.

[See other oportunities →](#)

Virtual CAIRIBU Events and Forums



ELEVATING THE PATIENT VOICE IN UTI RESEARCH A CLINICIAN-SCIENTIST PANEL

CAIRIBU
CONNECTIONS

This clinician-scientist panel was developed to respond to patients' questions, comments, and frustrations around their lived experience with recurrent UTIs as presented at the June 2023 CAIRIBU Connections event, "UTI Through the Lifespan - A Patient Perspective".



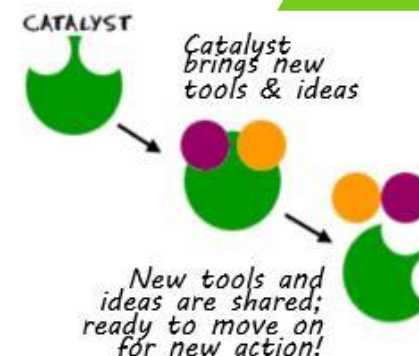
SEPTEMBER 29
3 PM ET
2 PM CT | 12 PM PT



CAIRIBU ARCTICS Community

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

Virtual Forums



CAIRIBU
Connections



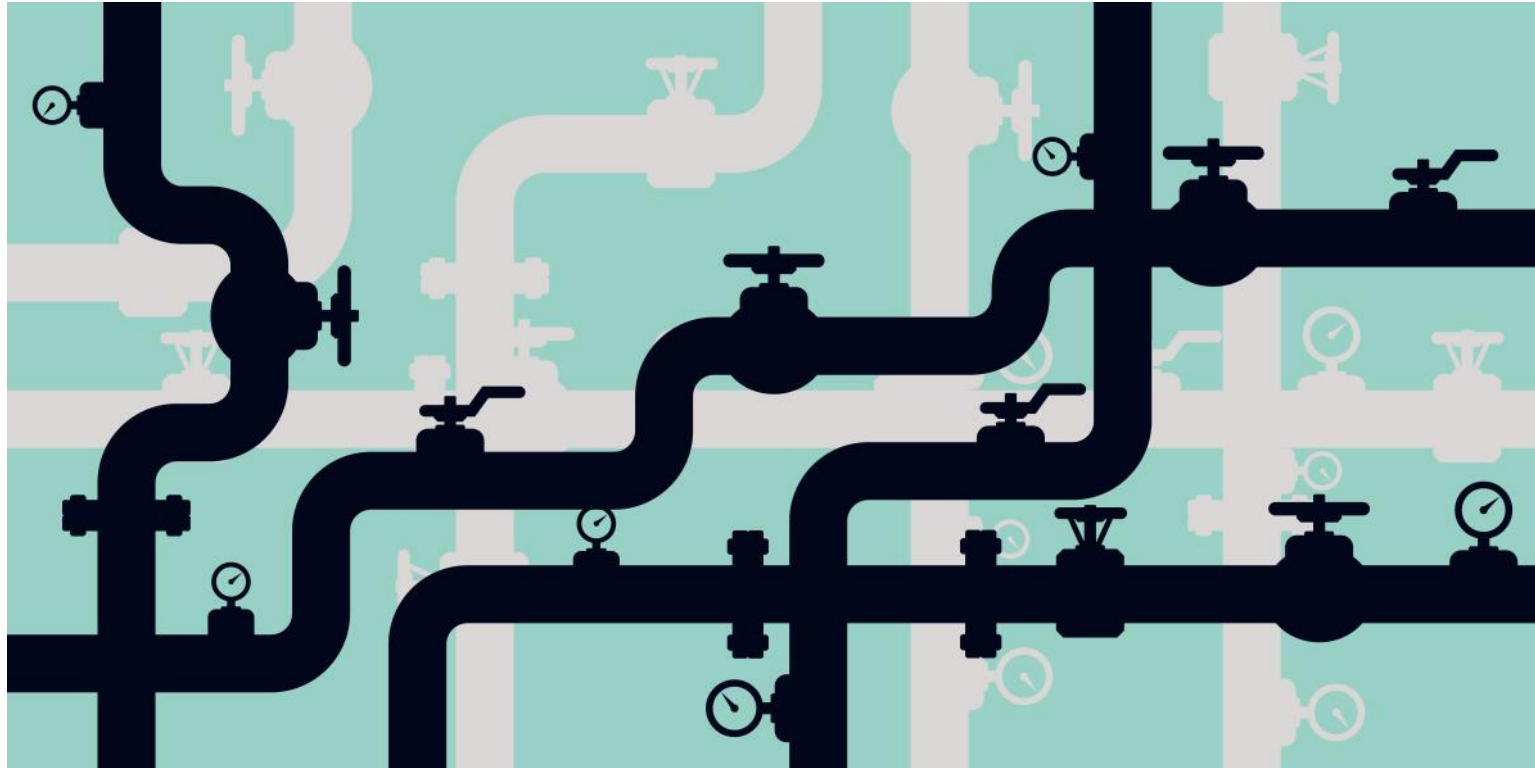
CAIRIBU Catalyst Conversations



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology



Catalyze growth in the genitourinary research workforce pipeline



Opportunities for trainees and ESIs



Visibility

1. CAIRIBU K12 Scholar Seminars (recordings on CAIRIBU YouTube)
2. Graduate student seminars
3. CAIRIBU ARCTICS Community forums (recordings on CAIRIBU YouTube)

Experience and opportunities

1. Immersion on annual meeting Program Planning Committee
2. Annual meeting abstracts (written reviewers' comments) & awards
3. Moderate events
4. Invited presentations at annual meeting
5. Trainee and ESI pre-meeting on 1st day of CAIRIBU meeting

Support

1. Targeted education and learning initiatives based on need, interest
Stakeholder engagement in research, presentation skills, team science...
2. Prioritized for CAIRIBU Collaboration Awards

CAIRIBU K12 SCHOLAR SEMINAR SERIES – June 2021 through June 2026 (36 seminars)

Non-Invasive Assessment of Lower Urinary Tract Biomechanics	Jun 2021	*Alejandro Roldán-Alzate, PhD, UW-Madison KURE
Kz Frequency Spinal Cord Stimulation for Restoration of Bladder Function after Spinal Cord Injury	Jul 2021	Casey Steadman, PhD, Duke University KURE
Prevalence, Risk Factors, and Spatial Distribution of Bacteriuria Caused by Resistant E. coli	Aug 2021	**Eva Raphael, MD, MPH, UC San Francisco KUroEpi
Patient Decision Making in Urology	Sep 2021	*Giulia Ippolito, MD, Univ of Michigan KUroEpi
Pediatric Lower Urinary Tract Dysfunction	Oct 2021	*Maryellen Kelly, DNP, MHSc, Duke University KURE
Mechanisms of Urethral Fibrosis in Lichen Sclerosus	Nov 2021	Matthew Grimes, MD, UW-Madison KURE
Geroscience, Epidemiology, and Benign Urology	Dec 2021	*Scott Bauer, MD, UC San Francisco KUroEpi
Exploring Peripheral Mechanisms of Somatovisceral Crosstalk in Bladder Disease	Jan 2022	*LaTasha Crawford, VMD, PhD, DACVP, UW-Madison KURE
The Urethra and Urinary Urgency	Feb 2022	*Jim Hokanson, PhD, Duke University KURE
NLRP3-Dependent Mechanisms Contributing to Diabetic Bladder Dysfunction	Mar 2022	*Michael Odom, PhD, Duke University KURE
Mast Cell-Nerve Axis Induction in the Bladder Following Recurrent Urinary Tract Infections	Apr 2022	Byron Hayes, PhD, Duke University KURE
Big Stones Bad Access: Insight Into the Kidney Stone Treatment Cascade	May 2022	**David Bayne, MD, MPH, UC San Francisco KUroEpi
Aging and Benign Prostate Hyperplasia	Jan 2023	*Teresa Liu, PhD, UW-Madison KURE
Neurogenic Bladder and “Boosting”	Feb 2023	Oluwaferanmi Okanlami, MD, Univ of Michigan KUroEpi
Prostatic Inflammation	Mar 2023	*Petra Popovics, PhD, UW-Madison KURE
Patient and Physician Perspectives of Overactive Bladder	Apr 2023	Giulia Ippolito, MD, Univ of Michigan KUroEpi
Urologic Care and Congenital Urologic Abnormalities	May 2023	**Courtney Streur, MD, Univ of Michigan KUroEpi
Genetic Drivers of Spontaneous CaOx Stone Disease Through Multi-Omics Dissection in Dogs	Jun 2023	Lauren Baker, DVM, PhD, UW-Madison KURE
Developing rapid context assessment for clinical trial enrollment	Jan 2024	Kristian Stensland, MD, MPH, Univ of Michigan KUroEpi
UTI Complications: The Role of Antimicrobial Resistance	Feb 2024	Eva Raphael, MD, MPH, UC San Francisco KUroEpi
Shared Decision Making in OAB Care	Mar 2024	Giulia Ippolito, MD, Univ of Michigan KUroEpi
Prioritizing Neurogenic Bladder and Bowel Care in People with Spina Bifida	Apr 2024	Maryellen Kelly, DNP, MHSc, Duke University KURE
Understanding the Mechanisms Underlying Urologic Aging	May 2024	Scott Bauer, MD, MS, UC San Francisco KUroEpi
Establishment and Characterization of a Patient-Derived Xenograft Model of Human BPH	Jun 2024	**Alexandra Polasko, PhD, Stanford University KURE
HAPpenis Revisited: Importance of the Patient Perspective after Genitourinary Reconstruction	Feb 2025	Vinaya Bhatia, MD, UW-Madison KURE
Development of Observation Tools for School Bathrooms	Mar 2025	**Kathleen Kan, MD, Stanford University KURE
Improving Tools Toward Individualized Risk Prediction and Management of BK Virus Infection	Apr 2025	Bin Ni, MD, PhD, Duke University KURE
Lower Urinary Tract Symptoms in Men With Long-Standing Type 1 Diabetes	May 2025	Golena Fernandez, MD, Univ of Michigan KUroEpi
Role of Telehealth in Improving Access to Care for UTIs in Young Adulthood	June 2025	**Jennifer Yarger, PhD, UC San Francisco KUroEpi
Vital Role of Health Literacy in Intervention Dissemination: Examples in Pediatric Urology	Jan 2026	Vinaya Bhatia, MD, UW-Madison KURE
Differentiating Factors Linked to Appropriate vs. Potentially Avoidable Antibiotic Exposure in Children with UTI	Feb 2026	**Rachel Wattier, MD, UC San Francisco KUroEpi
Chitosan-Induced Urothelial Exfoliation and Regeneration	Mar 2026	Jessie Ge, MD, Stanford University KURE
Neuro-Urological Mechanisms Underlying Lower Urinary Tract Dysfunction in Autism Spectrum Disorder	Apr 2026	Lindsey Felth Tanaka, PhD, UW-Madison KURE
An Engineered Bladder Model to Identify Countermeasures Against Radiation Cystitis	May 2026	Jennifer Hammel, PhD, Duke University KURE
Influence of Serotonin in Bladder Bowel Dysfunction	June 2026	Marcela Ambrogi, PhD, UW-Madison KURE

Graduate Student Seminars



- Since 2022 through 2026, 20 events, 34 students, 13 institutions
 - Columbia University (2)
 - Duke University (1)
 - Indiana University (3)
 - Medical College of Wisconsin (2)
 - Michigan State University (2)
 - Ohio State University (2)
 - University of Alabama at Huntsville (3)
 - University of Massachusetts Boston (2)
 - University of Western Ontario (3)
 - University of Texas Southwestern (2)
 - University of Wisconsin-Madison (7)
 - Vanderbilt University (3)
 - Virginia Health Sciences at Old Dominion University (2)

Approx 30% of
participating graduate
students were from
labs outside of the
CAIRIBU Community

More than 160 unique
individuals tuned into
at least 1 event

Undergraduate Summer Research



Undergraduate research

CAIRIBU Interactions Core surveyed **summer students** and mentors from the 2023 summer research programs

Data from the Summer Program for Undergraduate Urology Research (R25-DK-130838), awarded to Chad Vezina, PhD and Kristina Penniston, PhD

16%

Increased understanding of theory and concepts guiding their research project

17%

Increased their understanding of what research work is like

21%

Increased their ability to prepare a scientific poster



CHANGE IN RESEARCH SKILLS

100%

Very satisfied with the support & guidance from their mentor



100%

Very satisfied with support & guidance from other research group members

91%

Very satisfied with their group meetings

OVERALL SATISFACTION

82%

Felt responsible for their project



73%

Thought creatively about the project

BEHAVIOR DURING RESEARCH

CAIRIBU SUMMER PROGRAM SNAPSHOT

MENTORSHIP

10 out of 10

Mentors saw changes in students' knowledge and abilities

MENTOR SATISFACTION

100%

Presented a talk or poster to other students or faculty

82%

Attended a conference

82%

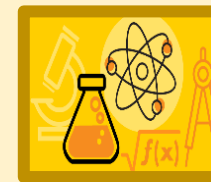
Felt the working relationships with their research mentor and research group members were "Excellent"



PROGRAM EXPERIENCES

91%

Confirmed interest in their field of study



78%

Prepared them for graduate school

22%

Increase in those who are more likely to enroll in a Ph.D. program in science, mathematics or engineering

PROGRAM OUTCOMES

CAIRIBU U54 Urology O'Brien Centers

- Leaders within the broader research community
- 50% effort – training, educating, mentoring
- **CAIRIBU O'Brien Center Opportunity Pools**
 - Can be up to \$100,000 for a year
 - Mechanism for **identifying** promising early-stage investigators
 - **Supporting** novel research ideas
 - **Engaging** investigators not currently involved in urology research
 - **Synergizing** basic and applied scientific approaches to advance research

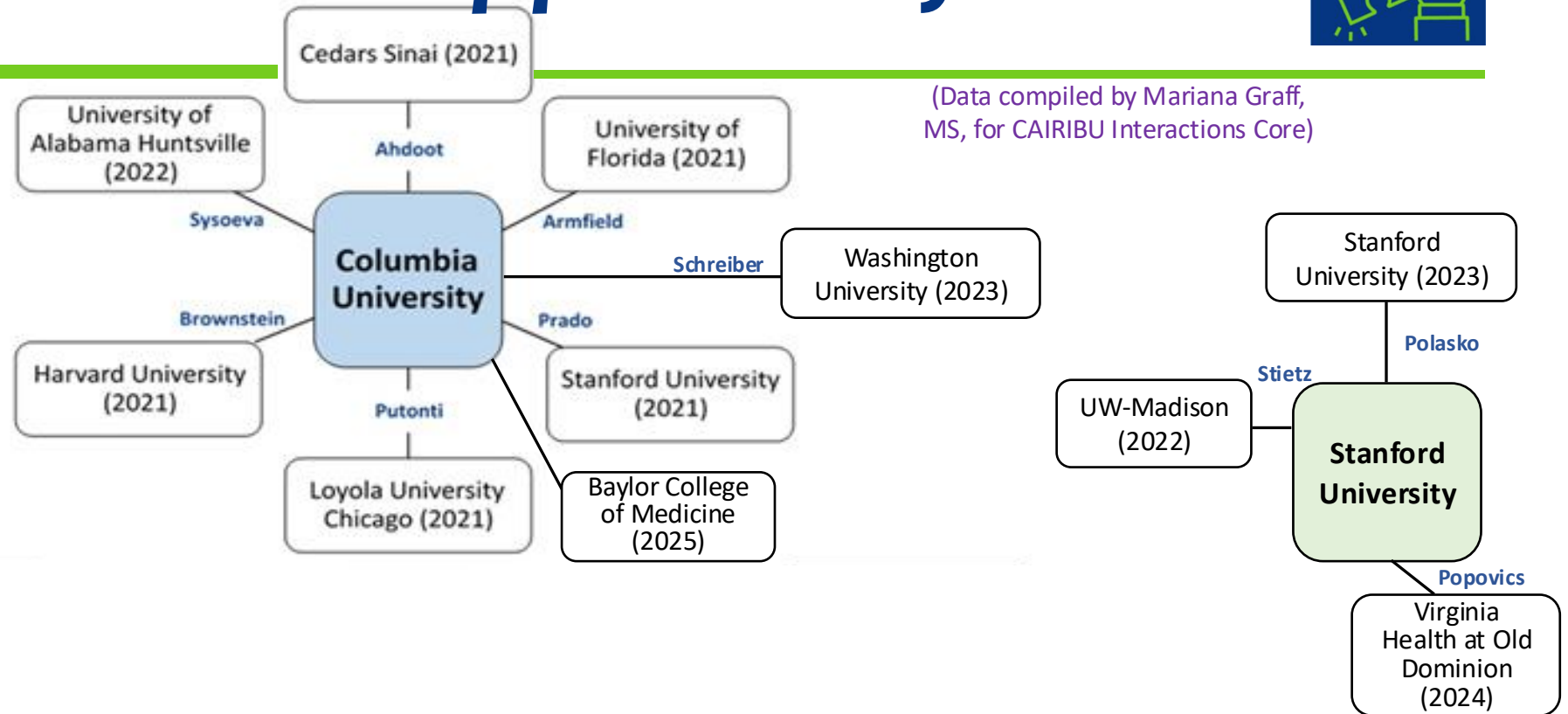


O'Brien Centers Opportunity Pools



Data show
awards given
between
2019 and
2025

(Data compiled by Mariana Graff,
MS, for CAIRIBU Interactions Core)



CAIRIBU Interactions Core



- U24 mechanism; restricted funds for “opportunity pools”
- CAIRIBU Interactions Core **“Collaboration Awards”**
- Typically \$50,000 direct costs for 1 year

MD-PhD
partnerships are
particularly welcome

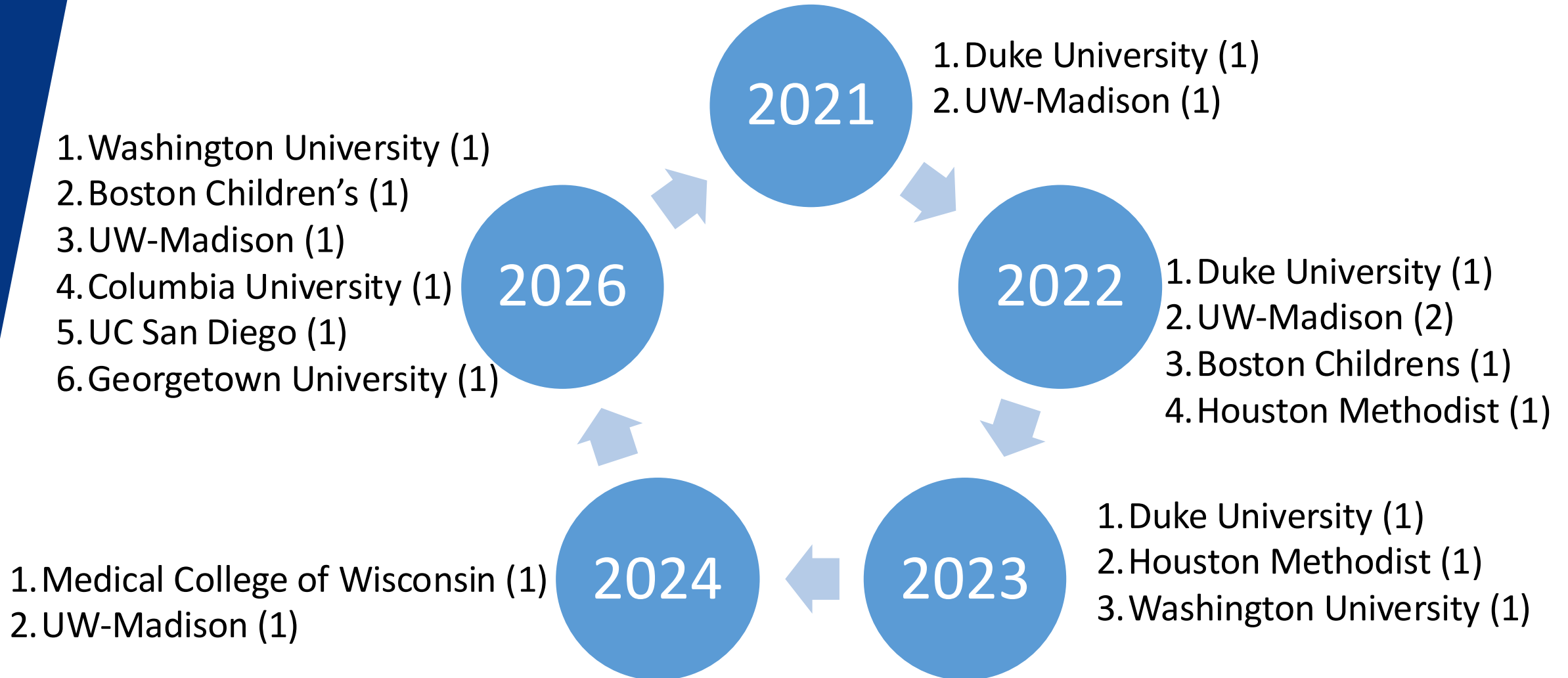
CAIRIBU RESEARCH GOALS

Goals for research team:

- Includes an investigator new to benign urology research
- Establishes a junior-senior investigative partnership intended to continue beyond the life of the grant
- Is a collaboration of CAIRIBU investigators and those from the broader benign urology research community
- Includes a K12 Scholar from a CAIRIBU KURe or KUroEpi Program
- Reflects a collaboration/interaction between a CAIRIBU P20 Exploratory Center and U54 O'Brien Center
- Is a new collaboration (e.g., investigators who have not previously worked together)
- Is interdisciplinary and includes >1 of the following: clinician, basic research scientist, population health scientist, epidemiologist, environmental scientist, nutrition scientist, mathematician, computer scientist, data scientist, engineering scientist



CAIRIBU Collaboration Awards



CAIRIBU Community



- Increase numbers in the workforce pipeline
- Encourage those with new perspectives, technologies, approaches
- Mobilize research interest groups to develop grant proposals
- Create platforms for discourse and knowledge exchange



NEW CAIRIBU APP

The new CAIRIBU mobile app brings events, videos, and investigator profiles together in one place to support collaboration across the network. Users can easily find collaborators through searchable community profiles and engage with one another in real time through discussion threads, file sharing, and ongoing conversations.

The CAIRIBU App is now available online! No download necessary.
Access the community, resources, and more directly from your browser.

→ See the new CAIRIBU App

→ Access on browser



CAIRIBU Community



- CAIRIBU Community – a bridge
 - Connect investigators capable of addressing critical knowledge gaps
 - Learn from each other
 - Strengthen our forces
 - Increase visibility of urology research
 - Expand knowledge of funding and career development opportunities



