



UW-Madison Summer Program for Undergraduate Urology Research

May 27 through July 31, 2026

SPUUR Meta Monday Schedule

SPUUR Scholars meet together every Monday beginning at 9:00 AM. During each morning, you will hear from various scientists and clinicians engaged in urology research, including urinary tract infection and the urobiome, the male prostate, female pelvic floor disorders, chronic pelvic pain, lower urinary tract dysfunction, bladder regulation and dysregulation, and sexual dysfunction. There will also be presentations on applying to graduate school, preparing yourself for interviews, and other content relevant to your transition from undergraduate school to your future research-related career.

We will break for lunch and then continue in the afternoon with various learning activities and tours. You should plan on reporting to your research areas every Monday at 3:00 PM or so to check in with your mentors about the upcoming week's research requirements and expectations. On Tuesdays through Fridays, you will report directly to your assigned research areas and remain engaged there all day, adhering to the expectations of your specific mentors. NOTE that you should plan to participate in any and all research-related activities and events your mentor requires. These may include lab meetings, educational events, trainings, and other activities. Also note that there are several CAIRIBU Interactions Core virtual events you will be required to attend during the summer (*SEE LAST PAGE*).

WEEK 1 – Orientation, discuss expectations and research assignments, review summer schedule, Q&A

May 27, Wednesday HSLC, room 1244

- 9:00 AM **Orientation:** Introductions, pre-summer questionnaires, expectations, etc.
- 11:00 AM **Building tour:** Medical Foundation Centennial Building (MFCB), University Hospital cafeteria, Wisconsin Institute for Medical Research (WIMR)
- 11:45 AM BREAK
- 1:00 PM **Tour west-end of campus** – Bakke rec center, Vet School, Meat and Poultry Labs, Animal Sciences, Bacteriology, Food Science, Babcock Hall
- 3:00 PM Meet mentors and research lab groups

WEEK 2

June 1, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Ali Antar, MD (UW-Madison):** Surgical management of kidney stones
- 9:50 AM **Aaron Miller, PhD (Cleveland Clinic):** Microbiology and kidney stones
- 10:25 AM BREAK (30 min)
- 10:55 AM **Allan Jhagroo, MD (UW-Madison):** Medical management of kidney stones
- 11:30 AM **Kristina Penniston, PhD, RD (UW-Madison):** Nutritional management of kidney stones
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (HSLC 1244):** Design a clinical study (Penniston, Jhagroo, and Antar)
- 3:00 PM Report to research areas

WEEK 3

June 8, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Jim Hokanson, PhD (Medical College of Wisconsin):** Neuromodulation for bladder dysfunction
- 9:50 AM **Katelyn Brusach, PhD (Mayo Clinic):** Capturing disease complexity through urinary proteomics
- 10:25 AM BREAK (30 min)
- 10:55 AM **Tanecia Mitchell, PhD (University of Alabama Birmingham):** Diet, immunity, and kidney stones
- 11:30 AM **Alejandro Roldán-Alzate, PhD (UW-Madison):** Non-invasive urodynamics
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (HSLC 1244):** Skills development workshop (Ajinkya Limkar, MD-PhD candidate)
- 3:00 PM Report to research areas

WEEK 4

June 15, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Teresa Liu, PhD** (*St. John Fisher University*): Aging, lower urinary tract symptoms, and BPH
- 9:50 AM **Maryellen Kelly, DNP, CPNP** (*Duke University*): Priorities in spina bifida care
- 10:25 AM BREAK (30 min)
- 10:55 AM **Johanna Hannan, PhD** (*UW-Madison*): Diabetic erectile dysfunction
- 11:30 AM **Michael Odom, PhD** (*Duke University*): Diabetic bladder dysfunction
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (HSLC 1244): Trainee roundtable, UW-Madison postdocs** (Jordan & Rundquist)
- 3:00 PM Report to research areas

WEEK 5

June 22, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Ajinkya Limkar, MD/PhD candidate** (*UW-Madison*): Urological dysfunction in Alzheimer's
- 9:50 AM **Anna Barrett & Truman Poteat, graduate students** (*UW-Madison*): Applying to grad school
- 10:25 AM BREAK (30 min)
- 10:55 AM **Jessie Ge, MD** (*UC San Francisco*): Urothelial regeneration (and how science leaves the lab)
- 11:30 AM **Aaron Mickle, PhD** (*Medical College of Wisconsin*): Bladder sensation and pain
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (HSLC 1244): Creating resumes and CVs** (Vezina and Penniston)
- 3:00 PM Report to research areas

WEEK 6

June 29, Monday HSLC, room 1244

- 9:00 AM Mid-summer check-in and feedback to SPUUR directors
- 9:40 AM Round-robin reports from each student about their projects, progress on abstract prep, etc.
- 10:15 AM BREAK (30 min)
- 10:45 AM **Margaret Knoedler, MD** (*UW-Madison*): BPH – What is it, and how do we treat it?
- 11:20 AM **Kim Keil Stietz, PhD** (*UW-Madison*): Toxicology and the lower urinary tract
- 12:00 PM BREAK (55 min)
- 1:00 PM **Group activity (meet at Sally): Tour of the Rodent Urinary Function Testing facility and vet school**
- 3:00 PM Report to research areas

WEEK 7

July 6, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Natasha Wilkins, PhD** (*Duke University*): The bladder and beyond: pelvic function after spine injury
- 9:50 AM **Chad Vezina, PhD** (*UW-Madison*): Remapping the cellular anatomy of the urinary tract
- 10:25 AM BREAK (30 min)
- 10:55 AM **Junqin Chen, PhD** (*Duke University*): The physics of breaking kidney stones with lasers
- 11:30 AM **Tamryn Jordan, PhD** (*UW-Madison*): Environmental chemicals and lower urinary tract function
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (MFCB 3114): Urology suturing lab activity**
- 3:00 PM Report to research areas

WEEK 8

July 13, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Marcela Ambrogi, PhD (UW-Madison)**: The role of serotonin in bladder bowel dysfunction
- 9:50 AM **Sunita Ho, PhD (UC San Francisco)**: Teeth, bones, and stones: a bioengineering perspective
- 10:25 AM BREAK (30 min)
- 10:55 AM **Joan Neuner, MD (UW-Madison)**: TBD
- 11:30 AM **Alexandra Polasko, PhD (Stanford University)**: Patient-derived xenograft models of BPH
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (meet at Sally): Lab tour** (Marcela Ambrogi, PhD)
- 3:00 PM Report to research areas

WEEK 9

July 20, Monday HSLC, room 1244

- 9:00 AM Weekly check-in and announcements
- 9:15 AM **Lauren Baker, DVM, PhD (UW-Madison)**: Companion animal models of urinary disorders
- 9:50 AM **Lauren Baker, DVM, PhD (UW-Madison)**: Designing good Power Point presentations
- 10:25 AM BREAK (30 min)
- 10:55 AM **Vinaya Bhatia, MD (UW-Madison)**: Discovery to dissemination for a hypospadias intervention
- 11:30 AM **Matthew Blum, MD (UW-Madison)**: Multi-omics of fine particulate matter and CKD
- 12:05 PM BREAK (55 min)
- 1:00 PM **Group activity (HSLC 1244): Reviewing and refining abstracts** (Vezina and Penniston)
- 3:00 PM Report to research areas

WEEK 10 – Review, feedback, evaluations, grad school prep, staying connected beyond SPUUR

July 27, Monday *** HSLC, **room 1248** → NOTE ROOM CHANGE

- 9:00 AM **Round robin review**: Feedback, suggestions, experiences, next steps
- 10:30 AM Students complete written evaluations
- 12:00 PM BREAK
- 1:00 PM **Group activity (HSLC 1248): Practice presentations** (5 min per student; Q&A and suggestions to follow)

CAIRIBU SUMMER STUDENT RESEARCH JAMBOREE



Collaborating for the Advancement of Interdisciplinary Research in Benign Urology



JULY 29
WEDNESDAY

1:30 PM Eastern
(12:30 PM Central)

The 5th annual Summer Undergraduate Student Research Jamboree, organized and hosted by the CAIRIBU Interactions Core at UW-Madison, features **presentations from undergraduate students conducting research projects with CAIRIBU-affiliated investigators at UW-Madison, Columbia University, and Stanford University.**



School of
Veterinary Medicine
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School of Medicine
and Public Health
UNIVERSITY OF WISCONSIN-MADISON

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Collaborating for the Advancement of Interdisciplinary Research in Benign Urology

Summer 2026 Virtual Programming

UW-Madison SPUUR Scholars are invited to attend the following CAIRIBU virtual events during their 10-week summer research experience. **MENTORS:** Please be aware that your students are expected to participate in these events unless their absence in your lab at that time would significantly affect progress on their projects.

Zoom links to attend virtual events are available on the CAIRIBU website:
<https://cairibu.project.wiscweb.wisc.edu/cairibu-events/>

JUNE 2026

Date Time (Central Time)	Format	Event
Wednesday, June 10 6:00 PM	VIRTUAL	Benign Prostate Hyperplasia Research Interest Group (optional)
Thursday, June 11 4:00 PM	VIRTUAL	CAIRIBU K12 Scholar Seminar
Monday, June 22 2:00 PM	VIRTUAL	CAIRIBU Uro-Aging Research Interest Group
Friday, June 26 2:00 PM	VIRTUAL	Urobiome Research Interest Group Trainee Summer Camp

JULY 2026

Date Time (Central Time)	Format	Event
Wednesday, July 8 6:00 PM	VIRTUAL	Benign Prostate Hyperplasia Research Interest Group (optional)
Wednesday, July 15 1:00 PM	VIRTUAL	CAIRIBU Graduate Student Seminar
Friday, July 16 2:00 PM	VIRTUAL	Urobiome Research Interest Group Trainee Summer Camp
Wednesday, July 29 12:30 PM	VIRTUAL	Summer Undergraduate Student Research Jamboree
Thursday, July 30 All day	HSLC (in person)	CAIRIBU Urobiome Research Interest Group summer meeting
Friday, July 31 All day	HSLC (in person)	CAIRIBU Urobiome Research Interest Group summer meeting

Collaborating for the Advancement of Interdisciplinary Research in Benign Urology (CAIRIBU) is an umbrella organization that brings together NIDDK-funded investigators devoted exclusively to investigating benign genitourinary diseases and disorders. A primary objective of CAIRIBU is to encourage interdisciplinary interactions and build effective research collaborations that can tackle the most critical questions related to benign prostatic hyperplasia, urolithiasis, bladder disorder, urinary tract infection, pelvic pain, and genitourinary development disorders. The U24 CAIRIBU Interactions Core (U24-DK-127726, PI, Kristina Penniston, PhD) serves at the coordinating center for CAIRIBU.