



2024-2025 CAIRIBU ARCTICS Community Virtual Forums



CAIRIBU ARCTICS Community

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

Virtual Forums

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

Second Wednesday of each month

1:00 PM Eastern (12 PM Central | 10 AM Pacific) | September 2024 to May 2025

FORUM TOPIC	BRIEF SYNOPSIS	WHEN	WHO
Career paths and opportunities after graduate school	Hear from scientists trained in urology research about how they got to where they are	Sept 11 th	<u>Panelists:</u> 1. Kristina Penniston 2. Magda Grabowska 3. Margot Damaser
Training for independence: running a lab or research group	Assembling your team, managing people, developing your leadership style	Oct 9 th	<u>Panel:</u> 1. Walid Farhat 2. Jim Brooks (moderator) 3. Kimberly Keil Stietz
NIH as a career path for urology investigators	Description of pathways to work at the NIH and of the opportunities available	Nov 13 th	<u>NIDDK Program Officers:</u> 1. Chris Mullins 2. Danny Gossett 3. Jenna Norton <u>Moderator:</u> Michael Odom, PhD
Training for independence: budgeting	Developing grant application budgets, budgeting for your laboratory and research needs	Dec 11 th	<u>Panel:</u> 1. Johanna Hannan 2. Jill Macoska 3. Petra Popovics
Orientation to research administration for scientists	Step-by-step description of acquiring IRB and IACUC approval, developing good relations with oversight committees, compliance with regulations, etc.	Jan 8 th	<u>Panel:</u> 1. Lauren Baker 2. Nathan Tykocki 3. Maria Hadjifrangiskou
Data science for the non-data scientist: part 1	Explain: large data sets, data formats, coding for manipulating data, working with relational databases and unstructured data, cleaning data, and visualizing data	Feb 12 th	Finn Kuusisto
Data science for the non-data scientist: part 2	This session will provide a brief review of data structure and AI fundamentals, introduce key data science concepts—including tools, model training and testing, and evaluation metrics—and explore various AI platforms and their capabilities.	March 12 th	Finn Kuusisto
Data science for the non-data scientist: part 3	This session will explore how data science is used in AI, reviewing essential tools and applications, highlighting use cases in business, industry, and healthcare, and demonstrating key functionalities through real-world examples.	April 9 th	Finn Kuusisto
Data science for the non-data scientist: part 4	This session will include a brief review of prior content followed by an interactive discussion on AI in practice, featuring an example from Finn and a review of publications in clinical urology and urology research to examine how AI was applied and its impact.	May 14 th	Finn Kuusisto