

Pediatric Fellow Research Seminar Series
Held the 2nd Tuesday of the Month at Noon
Discovery Auditorium and WebEx

Date	Speaker	Topic	Domain	ABP Core Knowledge in Scholarly Activities
March 14, 2023	Jennifer Muszynski, MD, MPH	Find your niche: Approach to developing a career focus	Career Development	N/A
April 11, 2023	John Slaughter, MD, MPH	Observational study designs: causal inference and comparative effectiveness	Research methodology / study design	Principles of Epidemiology and Clinical Research Design: Study design, performance, and analysis; generalizability; bias and confounding; causation
May 9, 2023	Markita Suttle, MD	Addressing race and ethnicity in clinical research	Ethics in Research	Principles of research involving human subjects
June 13, 2023	Christopher Montgomery, MD	Tools of translational science and pre-clinical models	Research methodology / study design	N/A
August 8, 2023	Margie Brackeen, CIP	Human Subjects Research and Interacting with the IRB	Ethics in Research	Principles of research involving human subjects
Sept 12, 2023	Laura Chavez, PhD	Population Science and Health Systems Research	Research methodology / study design	Principles of Epidemiology and Clinical Research Design: causation, bias and confounding, incidence and prevalence, screening, cost benefit, cost effectiveness and outcomes
Oct 10, 2023* virtual only	Heather Wolfe, MD, Children's Hospital of Philadelphia	Implementation Science: Bringing evidence into practice	Research methodology / study design	Quality improvement project design
Nov 14, 2023	Sven Bambach, PhD and Tyler Gorham, PhD, MPH	Intro to Data Science and Artificial Intelligence for the clinician	Research methodology / study design, data analysis	Principles of Epidemiology and Clinical Research Design: Study design, performance, and analysis
Dec 12, 2023	Nicole O'Brien, MD; Leena Nehata, MD; Diana Zepeda-Orozco, MD	From question to hypothesis to career: Building a program of research	Career Development	N/A
Jan 9, 2024	TBD	Collaborating with a statistician*	Research methodology / data analysis	Principles of Biostatistics in Research
Feb 13, 2024	TBD	Biostatistics I: Types of data and common statistical tests*	Research methodology / data analysis	Principles of Biostatistics in Research: Types of variables, distribution of data, hypothesis testing (Type I and Type II errors, p-values, statistical power); measurement (validity, reliability) introduction to common statistical tests
March 12, 2024	TBD	Biostatistics II: Measures of association and effect*	Research methodology / data analysis	Principles of Biostatistics in Research: Measurement of association and effect, regression