



Course Director: Dr. Elizabeth Shane (es54@cumc.columbia.edu)

Medical Scholars Seminar Course – Spring 2020

This is a small group, 3 credit, seminar course (RSRH 7201) for P&S students in *Fundamentals* interested in research and the MD/Masters in Biomedical Sciences dual degree program. It meets 2-3 times monthly during both semesters of the academic year. During the first semester, seminars are led by CUMC faculty who are active investigators who discuss their perspective on and experiences in integrating research and medicine. During the second semester, CUMC faculty discuss various topics that enhance students' abilities to conduct research. Students select an area of research focus and a mentor or mentors, formally present the proposals for their summer research projects, including their hypotheses, relevant background and significance, and the methods they will be using to test their hypotheses to Dr. Shane and the students in the class.

When? Mondays 2:00-3:20

01/06/2020, 2:00-3:20 pm

Donald W. Landry, MD, PhD, Professor and Chair of Medicine and Physician-in-Chief, NYPH
Title: Vasopressin Deficiency in Vasodilatory Shock: Discovery of a New Clinical Syndrome

01/27/2020, 2:00-3:20 pm

Neil Schluger, MD, Professor of Medicine, Chair IRB 3
Title: The Institution Review Board and the Regulation of Human Subjects Research: Why and How

02/03/2020, 2:00-3:20 pm

Challace Pahlevan-Ibrekik, Director, IRB Management, Institutional Review Board
Title: The IRB: What, When and How

02/24/2020, 2:00-3:20 pm

Brian Karolewski, VMD, PhD, Assistant Professor of Pathology and Cell Biology
Rivka Shoulson, DVM, MPH, Associate Director, Institute of Comparative Medicine (ICM)
Mary Jo (MJ) Shepherd, DVM, CPIA, Executive Director of the Office of the IACUC
Title: Essentials of Animal Research

03/02/2020, 2:00-3:20 pm

John Usseglio, MPH, Informationist, Augustus C. Long Sciences Library CUMC
Title: Systematic Review Methodology and Practice

03/16/2020

Utpal Pajvani, MD, PhD, Assistant Professor of Clinical Medicine
Title: How Does Obesity Lead to Type 2 Diabetes and Fatty Liver

03/23/2020; 2:00-3:20 pm

Codruta Chiuzan, PhD; Assistant Professor of Biostatistics, Mailman School of Public Health

Title: Getting Started With Statistical Software: Introduction to R 1

03/30/2020; 2:00-3:20 pm

Codruta Chiuzan, PhD; Assistant Professor of Biostatistics, Mailman School of Public Health

Title: Getting Started With Statistical Software: Introduction to R 2

04/06/2020; 2:00-3:20 pm

Codruta Chiuzan, PhD; Assistant Professor of Biostatistics, Mailman School of Public Health

Title: Getting Started With Statistical Software: Introduction to R 3

04/13/2020; 2:00-3:20 pm

Ian Kronish, MD, MPH, Associate Professor of Medicine

Title: N of 1 Clinical Trials: Why and How?

04/20/2020; 2:00-3:20 pm

Chunhua Weng, PhD; Associate Professor of Biomedical Informatics

Title: Using Electronic Health Records Data for Clinical Investigation

05/04/2019; 2:00-3:20 pm

Student Summer Research Presentations

05/11/2020; 2:00-3:20 pm

Student Summer Research Presentations

05/18/2020; 2:00-3:20 pm

Student Summer Research Presentations