



Medical Scholars Seminar Course – Fall 2021

This is a small group, 3 credit, seminar course (RSRH 7201) for VP&S students in *Fundamentals* interested in research and the MD/Masters in Biomedical Sciences dual degree program. It meets two to three times monthly during both semesters of the academic year. During the first semester, students attend seminars led by CUMC faculty who are active investigators and who discuss their perspective on and experiences in integrating research and medicine. During the second semester, CUMC faculty discuss various skills and topics that enhance students' abilities to conduct research and communicate their results. Students select a specific 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. Lalwani and the students in the class.

When? Wednesdays, 3:00pm-4:20pm

08/25/21: **MSS Orientation: How to Find a Mentor**

Anil Lalwani, M.D., Associate Dean for Student Research & Professor of Otolaryngology – Head&Neck Surgery
Faculty Profile: <https://www.entcolumbia.org/profile/aklalwani>

09/1/2021: **Anil Rustgi, MD**, Interim Executive Vice President and Dean of the Faculties of Health Sciences and Medicine, Professor of Medicine, Director of the Herbert Irving Comprehensive Cancer Center

Title: Career pathways in academic medicine and beyond

Faculty Profile: <https://www.cancer.columbia.edu/profile/anil-k-rustgi-md>

09/22/2021: **Jennifer Manly, PhD**, Professor of Neuropsychology in Neurology

Title: Social Mechanisms of Inequalities in Dementia and Cognitive Decline

Faculty Profile: <https://cead.cumc.columbia.edu/people/jennifer-j-manly-phd>

10/6/2021: **Diana Martinez, MD**, Professor of Psychiatry

Title: The neuroscience of change, and repurposing existing treatments to address refractory neuropsychiatric disorders

Faculty Profile: <https://chosen.columbia.edu/directory/diana-m-martinez>

10/13/2019: **Utpal Pajvani, MD, PhD**, Associate Professor of Medicine in the Division of Endocrinology, Director of VP&S Scholarly Projects Program

Title: Reactivated developmental signaling causes obesity-induced T2D and NAFLD/NASH

Faculty Profile: <https://www.pajvanilab.com/>

10/20/2021: **Lee Goldman, MD, MPH**, Harold and Margaret Hatch Professor, Executive Vice President & Dean of the Faculties of Health Sciences and Medicine, and Chief Executive of CUMC

Title: Strategy and Serendipity in an Academic Career

Faculty Profile: <http://ps.columbia.edu/lee-goldman-md>

10/27/2021: **Peter Canoll, MD, PhD**, Professor of Pathology & Cell Biology, Director of Neuropathology

Title: Approaching glioma as a neurological disease: Treating the brain in brain tumors

Faculty Profile: <https://www.pathology.columbia.edu/profile/peter-d-canoll-md>

11/3/2021: **James Noble, MD, MS**, Associate Professor of Neurology, Director of Concussion and Sports-Related Head Injury Program

Title: First (case) and 20 (years): The Long Drive Ahead to Better Understanding Chronic Traumatic Encephalopathy

Faculty Profile: <https://www.neurology.columbia.edu/profile/james-m-noble-md>

11/17/2021: **Elizabeth Oelsner, MD, MPH**, Assistant Professor of Medicine

Title: Clearing the Smoke: Emerging Risk Factors for Chronic Lung Diseases

Faculty Profile: <https://www.genmed.columbia.edu/research-labs/elizabeth-oelsner-md-mph>

12/1/2021: **Carolyn Westhoff, MD**, Sarah Billingham Solomon Professor of Reproductive Health in the Department of Obstetrics and Gynecology and Professor of Population and Family Health and Epidemiology,

Title: Women's Reproductive Health: Contraceptive development and evaluation

Faculty Profile: <https://www.columbiaobgyn.org/profile/carolyn-l-westhoff-md>

12/8/2021: **Michael Yin, MD, MS**, Associate Professor of Medicine

Title: Long term control of HIV: a fragile balance

Faculty Profile: <https://www.hivcenternyc.org/michael-t-yin-md>

12/15/2021: **Donald Landry, MD, PhD**, Hamilton Southworth Professor of Medicine, Chair, Department of Medicine, and Physician-in-Chief, New York Presbyterian/Columbia

Title: Vasopressin Deficiency in Vasodilatory Shock--Discovery of a Clinical Syndrome

Faculty Profile: <https://doctors.columbia.edu/us/ny/new-york/donald-w-landry-md-622-west-168th-street>