

**O'BRIEN CENTER OPPORTUNITY POOL AWARDEES**  
**March 28<sup>th</sup> 2023**  
**Faculty House**  
**Columbia University, New York City**

**9:00am Assemble at Faculty House, Breakfast, and Introduction**

**Cathy Lee Mendelsohn** clm20@cumc.columbia.edu

Michael and Stella Chernow Professor of Urological Sciences and Pathology and Cell Biology and Genetics and Development.  
Columbia University

**9:20am Description of O'Brien Centers and Opportunities in Benign Urologic Research**

**Kris Penniston** penn@urology.wisc.edu

Senior Scientist. Clinical Nutritionist, CAIRIBU Interactions Core  
University of Wisconsin.

**9:30am Keynote: Cellular Atlas of the Human Lower Urinary Tract**

**Douglas Strand** douglas.strand@utsw.edu;

Associate Professor of Urology,  
UTSW

**10:15am Kidney: What biomarkers of obstructive nephropathy can teach us about renal damage.**

**James D Brooks** jbrooks1@stanford.edu

Professor of Urology  
Stanford

**10:40am Urothelia: Transdifferentiation of Fibroblasts to Urothelial Stem Cell**

**Kris Prado** kprado@stanford.edu

Assistant Professor  
Stanford

**11:05am Bladder: Developing image-based biomarkers for the lower urinary tract.**

**Shane A Wells** sawells@wisc.edu

Associate Professor (CHS) of Radiology in Abdominal Imaging Section.  
University of Wisconsin.

**11:30am *Bladder Break***

**11:40am Bladder Function: MRI Urodynamics Reveals Asymmetric Contraction of the Bladder in Men with BPH/LUTS"**

**Alejandro Roland Alzate** roldan@wisc.edu

Associate Professor Department of Mechanical Engineering, Department of Radiology  
University of Wisconsin.

**12:05pm Bladder Function: Age dependent effects of exercise on voiding, cell senescence and frailty related mechanisms.**

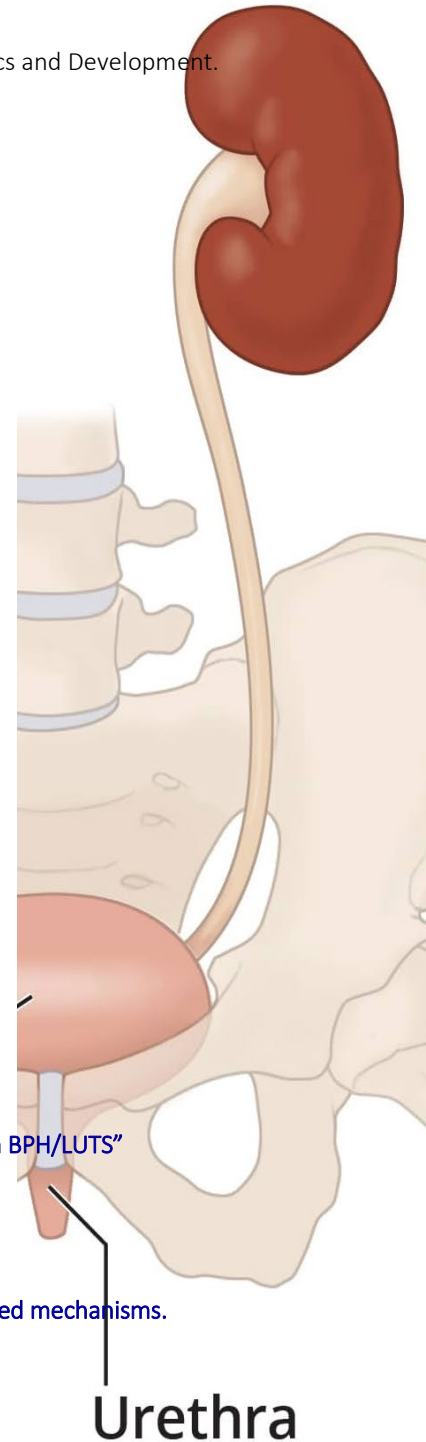
**Teresa Liu** liu@urology.wisc.edu

Scientist, Department of Urology  
University of Wisconsin

**12:30pm Bladder Function: Defining and Targeting Age-related Mechanisms of Male Lower Urinary Tract Symptoms.....Zoom**

**Scott Bauer** Scott.Bauer@ucsf.edu

Assistant Professor, Medicine  
UCSF School of Medicine



**12:55pm Bladder Function: Impact of developmental exposure to environmental toxicant, PCBs, on the lower urinary tract....Zoom**

**Kimberly Keil Stietz** kkeil@wisc.edu

Assistant Professor

School of Veterinary Medicine

University of Wisconsin

**1:20pm Lunch**

**2:00pm Bladder Inflammation: "Genetic analyses of two interstitial cystitis cohorts".**

**Catherine Brownstein** catherine.brownstein@childrens.harvard.edu;

Assistant Professor and Scientific Director, Division of Genetics Genomics; Molecular Genetics Core

Harvard Medical School

**2:25pm Bladder Inflammation: "Impact of Type I, II, III Interferon Receptor KO on Lower Urinary Tract Tissue"**

**David Degraff** ddegraff@pennstatehealth.psu.edu

Associate Professor Departments of Pathology and Laboratory Medicine, Urology, and Biochemistry and Molecular Biology

Penn State Cancer Institute

Penn State

**2:50pm Bladder Inflammation: Local and remote tissue specific macrophage responses during urinary tract infections**

**Steers, Nicholas J.** ns3004@cumc.columbia.edu

Instructor in Medical Sciences

Department of Medicine

Columbia University

**3:15pm Bladder Break**

**3:40pm Urethral Function: A starring role for the urethra in response to ascending *E. coli* infection"**

**Chad Vezina** chad.vezina@wisc.edu

Associate Professor of Pharmacology and Comparative Biosciences Department

Director, Molecular and Environmental Toxicology; Endocrinology and Reproductive Physiology

Department of Urology

**4:05pm Prostate: "Identifying new cellular and molecular targets for the medical treatment of BPH/LUTS"**

**Will RICKE** rickew@urology.wisc.edu

UWMF Professor of Urologic Research

Wisconsin Institutes for Medical Research

University of Wisconsin

**4:30pm Prostate: "Pharmaceutical Cocrystals: A Next Generation of Drugs for Prostate Health"**

**Leonard R. MacGillivray** len-macgillivray@uiowa.edu

Professor of Chemistry and Pharmacy

Department Chair (DEO), Department of Chemistry

Collegiate Fellow, College of Liberal Arts and Sciences

University of Iowa

**4:55pm Dr Mendelsohn provides Summary**

