Dartmouth GEISEL SCHOOL OF MEDICINE | DEPARTMENT of EPIDEMIOLOGY

"Advancing Clinical Translational Sciences through Validation of Emerging Diagnostic Artificial Intelligence Technologies."

Special Seminar with Joshua J Levy, PhD

Dr. Levy is an Assistant Professor in the Department of Pathology and Laboratory Medicine (DPLM) and Dermatology at Dartmouth Health, with a secondary appointment in the Department of Epidemiology. He is also faculty in the program for Quantitative Biomedical Sciences (QBS), Cancer Populations Sciences, and Biostatistics and Bioinformatics Shared Resource. Joshua will discuss some of his work as part of the Emerging Diagnostic and Investigative Technologies (EDIT) program in DPLM, which includes the design and validation of artificial intelligence (AI) technologies for digital pathology which are in maximal alignment with clinical stakeholders ("by clinicians, for clinicians") and investigation of spatially localized and single cell -omics technologies to study tumor metastasis and recurrence. These technologies can be leveraged to form rigorous, quantitative, and reproducible histological predictors and endpoints to improve statistical power for large-scale epidemiological studies.

RSVP: If you plan to attend in person (DHMC Auditorium E), please send an RSVP to lura.pascale@dartmouth.edu; _coffee and snacks will be served_

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Join on Zoom Thursday, 2/16/23 @ 10 am