Biomedical Informatics Grand Rounds
Wednesday, April 26, 2023 3:00 pm – 4:00 pm

Supporting Clinical and Translational Researchers with Electronic Patient Data

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Remote Access
Join Zoom Meeting https://stonybrook.zoom.us/j/95617197636?pwd=KytzZ2pVRG9SZGpKZUtpNXJISjNjZz09
Meeting ID: 956 1719 7636 Passcode: 924293
In-Person talk: Medical and Research Translation (MART) Building, Room location 7M-0602

Bio: Thomas R. Campion, Jr., Ph.D. leads Weill Cornell Medicine's efforts to support clinical and translational investigators with electronic patient data, especially through the secondary use of electronic health record (EHR) data. Dr. Campion is Associate Professor of Research in Population Health Sciences in the Division of Health Informatics. As Chief Research Informatics Officer as well as Director of Biomedical Informatics in the Clinical & Translational Science Center, he leads the Architecture for Research Computing in Health (ARCH) program, which matches scientists with tools and services for obtaining electronic patient data. He has served as a co-investigator in multiple funded research initiatives, including the NIH's RECOVER, N3C, ACT, and All of Us Research Program as well as PCORI's INSIGHT Clinical Research Network. Nationally, he leads efforts to advance the secondary use of EHR data through the NIH CTSA consortium, Clinical Research Forum IT Roundtable, and Association of American Medical Colleges (AAMC) Group on Information Resources. His research interests include electronic infrastructure to support clinical and translational scientists, measurement of the biomedical research enterprise, computable phenotyping, clinical decision support, health information exchange, and organizational issues in informatics. Dr. Campion is a Fellow of the American College of Medical Informatics (FACMI) and a Fellow of the American Medical Informatics Association (FAMIA). He earned a master of science and doctor of philosophy in biomedical informatics from Vanderbilt University and a bachelor of arts in organizational studies and German from the University of Michigan.

Abstract: Clinical and translational investigators need patient data, especially from electronic health record systems, to conduct research, but optimal approaches are unknown. This talk explores an approach for supporting different types of investigators and study designs by matching investigators with informatics tools and services.

Educational Objects:
- Understand the breadth, depth, and complexity of electronic health record data
- Demonstrate how to match investigators with informatics tools and services to enable research
- Illustrate effort required to deliver research informatics resources and skills necessary to thoughtfully interrogate electronic patient data

Disclosure Statement: The faculty and planners have no relevant financial relationship with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing health care products used by or on patients.

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