Department of Biomedical Informatics
School of Medicine and College of Engineering and Applied Sciences

Special Seminar

Talk Title: Augmented Intelligence for Evidence-based medicine:
from Clinical Trial Retrieval to Evidence Appraisal
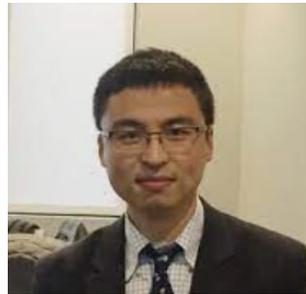
Yingcheng Sun PhD
Postdoctoral Research Scientist,
Department of Biomedical Informatics at Columbia University

Tuesday, May 24, 2022
9:30 am – 10:30 am

Join Zoom Meeting
https://stonybrook.zoom.us/j/91537575696?pwd=ckY2N212b21GV0VkQklYancrRDN0dz09

Meeting ID: 915 3757 5696
Passcode: 680708

Bio: Dr. Yingcheng Sun is a Postdoctoral Research Scientist in the Department of Biomedical Informatics at Columbia University in New York City under the supervision of Prof. Chunhua Weng. He received his Ph.D. degree in Computer Science from Case Western Reserve University advised by Prof. Kenneth Loparo. His research interests include intelligent information retrieval, Natural Language Processing and applied machine learning with applications in clinical informatics to solve important healthcare problems. He has published more than 20 papers at top conferences and journals such as Applied Clinical Informatics, Journal of Biomedical Informatics , Journal of the American Medical Informatics Association.

Abstract: Evidence-based medicine is the use of best evidence in making decisions about the care of individual patients. Randomized controlled clinical trials provide the most reliable medical evidence. In the life cycle of clinical trials, from study design to conduct, and to evidence comprehension and synthesis, there are many unmet user needs among clinical researchers, patients, and clinicians, causing suboptimal decisions and potentially compromised clinical trials.