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PARKINSON
SCHOOL of HEALTH SCIENCES
AND PUBLIC HEALTH

Center for Health Outcomes and Informatics Research
Department of Health Informatics and Data Science

HEALTH INFORMATICS SEMINAR SERIES
Presents:

"Identifying High-Performance Teamwork through Analysis of Outcome-Weighted Networks"

Abstract: *While health and healthcare systems evolve to improve quality and outcomes by more comprehensively meeting the needs of patients, the size of care teams and complexity of care processes continue to increase. To both capture the dynamics of business as usual as well as crystallize innovation in practice simultaneously requires broad and holistic examination of healthcare but also granular inspection of individual actors and activities which constitute critical healthcare business processes. This talk will introduce methods of mapping and deconstructing healthcare delivery data to identify high performance teamwork through analysis of outcome-weighted networks using examples from emergency medicine, inpatient cardiology, and intensive care.*

Speaker: **Nicholas Soulakis, PhD**

Chief Public Health Informatics Officer and Deputy Commissioner, Bureau of Informatics and IT, Chicago Department of Public Health, Assistant Professor, Division of Health & Biomedical Informatics, Director of Data Science Services, Center for Data Science and Informatics, Northwestern University Clinical and Translational Institute, Chicago, IL

When: **Wednesday, August 3, 2022   12:00 pm – 1:00 pm**

Join via Zoom Link: **https://luc.zoom.us/j/87067314759**

About the Speaker: Nicholas Soulakis, PhD is currently the Chief Public Health Informatics Officer and Deputy Commissioner, Bureau of Informatics and IT at the Chicago Department of Public Health. On leave from Northwestern University, he is an Assistant Professor in the Division of Health and Biomedical Informatics, Department of Preventive Medicine and Director of Data Science Services for the Center for Data Science and Informatics at the Northwestern University Clinical and Translational (NUCATS) Institute. Dr. Soulakis is a population health scientist whose research focus lies at the intersection of epidemiology and informatics. His most recent work is an expansion into the newly emerging field of quality informatics and patient outcomes; seeking to better understand the ascertainment of healthcare networks and developing a more comprehensive scientific approach to understanding the dynamics of care coordination for hospitalized patient populations. His work has been funded by the National Library of Medicine and published in the Journal of American Medical Informatics Association, American Journal of Public Health, and Emerging Infectious Diseases.

* Visit *here* to watch previous presentations and to find more information about future Seminars.

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