Course Instructors:
Rohan Palmer, Ph.D., Colleen McBride, Ph.D., and Abeed Sarker, PhD

Course description:
This course will prepare students to conduct ethical, rigorous, and theoretically-informed analyses of two types of “big data” (gene-environment interactions and machine learning/social media) in the context of research and interventions into intersecting crises of substance use disorders (SUDs) and drug-related harms. It will apply the strengths of social and behavioral sciences – including a focus on theory and validity – to the emerging field of advanced data analytics.

Prerequisites:
Familiarity with Regression (e.g., BIOS 501, BSHES 700), SAS (e.g., BIOS 501) and R (e.g., BIOS 544) is required

This course is a part of the TADA training program on analyzing big data to end drug-related harms.

To learn more, please contact Laura Donnelly at ldonnel@emory.edu

To learn more about additional pre-doctoral training opportunities, please visit sph.emory.edu/spark/tada-program