



# 3- Day Virtual Event: UMD Launches the new Social Data Science Center

DAY 2

September 29, 2020 1:00 pm - 2:00 pm  
Social Data Science and Business & Economics

## Big Data for Real-Time Local Economic Statistics

Abstract: Federal statistical agencies rely heavily on surveys and censuses in the production of economic statistics. Supplementing these data with information from other sources can improve the quality, the timeliness and the granularity of the statistical information relied upon by business and government decision makers. During the current crisis, various researchers have done fascinating work using anonymized credit card, bank account, payroll and time clock data to track real-time economic trends. In a newly-launched project, I have been working with a cross-disciplinary team that includes Maryland researchers from both the College of Behavioral and Social Sciences and the College of Engineering to explore how anonymized cell phone geolocation data can be used in conjunction with other information to better understand real-time local employment dynamics.

Presented by:

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SCIENCE  
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