“A Data Driven Approach to Mitigate Health and Economic Inequities Due to the COVID-19 Pandemic and Recession”

Wednesday, February, 23rd
12:00 - 1:00pm

In light of the community concerns regarding COVID-19, this talk will be given as a webinar. The link will be provided on February 22nd to those that have registered by 5:00 pm on Monday, February, 21st at uccs.ucdavis.edu.

We will describe our pilot work that has established an integrated, multilevel approach to data collection and analysis to describe the impact of the COVID-19 response and recession on individuals’ circumstances and well-being among communities of color or low-income in the San Francisco Bay Area. Our approach involves collection and analysis of (1) real-time, geo-located feedback from individuals’ experiences in their neighborhood spaces, submitted through Streetwyze, an established community driven mobile-data collection platform, (2) epidemiologic survey data, and (3) population-level neighborhood data. We will discuss how the use of mobile technology and this integrative data approach can be used to generate a robust and rapid evidence base to inform programs and policies that address the needs of communities of color and/or low-income to mitigate inequities in socioeconomic conditions during the pandemic-induced recession and beyond.

Dr. Antwi Akom is a multi-disciplinary strategic designer, creative technologist, and visionary pioneer of Community Informatics - which asks what if our design thinking was led with our nation’s most vulnerable populations. Dr. Akom's work combines real-time data, location-based data, and people-power design innovation with cutting-edge technology in order to achieve new standards of accessibility, scalability, sustainability, equity, and opportunity for all. Named as one of the world’s top innovators at President Obama’s Frontiers Conference (2016)– and awarded the Robert Woods Johnson Foundation Pioneer award (2019)–what makes Dr. Akom’s work unique is his ability to integrate Community-Drive Data with Big Data and predictive analytics in ways that make communities smarter, more equitable, just and sustainable. As an expert centering community voice, participatory co-design, designing for equity, and developing culturally and community responsive methodologies and technologies–Dr. Akom’s work enables grassroots orgs, CBOs, Fortune 500 companies, policy-makers, designers, engineers, and everyday people to create more just, equitable, diverse, and inclusive (JEDI) products, places, and spaces with the world's most vulnerable populations.

Dr. Mindy Hebert-DeRouen is an epidemiologist with dual training in cancer biology and epidemiology. Her ongoing research efforts are focused on health inequities due to multi-level determinants, especially social determinants of health. Dr. DeRouen has experience with pooling and harmonizing complex multi-level data, including contextual-level data, survey data, qualitative data, and data from electronic health records; and designing studies of multi-level data to study health inequities.

For questions contact Brooke Miller-Jacobs (916) 445-5161 or at uccs-talks@ucdavis.edu

The views and opinions expressed during this lecture are those of the speaker and do not necessarily represent the views of UCCS.