

## Empire State Opioid Epidemic Innovation Challenge

September 28-30, 2018

Columbia University Fu Foundation School of Engineering and Applied Science



I am currently a tenured Associate Professor of Epidemiology at Columbia University. I have co-authored more than 165 peer reviewed epidemiological and substance abuse journal articles, served as PI or MPI of multiple NIH funded grants, including grants focusing on the epidemiology of opioid use. To date, I have closely mentored 26 masters students, 13 doctoral students and 14 post-doctoral fellows, many of them now in their own academic careers in the US and abroad. Several of them are minority scholars. I now mentor four master and six doctoral students in the Department of Epidemiology, and one doctoral and one post-doctoral fellow in research institutions in Brazil (University of São Paulo and Federal University of São Paulo) in international projects in which I am a PI or a Co-I.

Notable recent research findings have focused on recent trends in marijuana use, the relationship of perceived availability of marijuana with medical marijuana laws, traffic fatalities and medical marijuana laws and increasing trends in heroin use and heroin use disorder in the general U.S. adult population. I have received several awards for my research and mentoring, including, in 2011, the Award for pioneering efforts in gambling research, in 2013, the Columbia President's Global Innovation Fund and more recently, in 2017, the Columbia University Mailman's School of Public Health Dean's Award for Excellence in Mentoring. I have been continuously funded by NIH since 2006 as a PI. I have served as PI of six NIH grants, including from NIDA (R21DA020667, R03DA020923 and R03DA023434). I am currently the PI or MPI of two NIH-funded grants, one from NIDA (R01DA037866) and another from NICHD (R01HD060072). In addition, I currently serve as the PI of Columbia subcontracts for four currently funded R01 grants including R01DA040924, R01DA039962, R01DA040811, and R01DA039454, working across multiple institutions for collaboration. In addition, I am the co-director of the Substance Abuse Epidemiology Training program at Columbia University, which has been continuously funded by NIDA since 2012. I am also a Co-Investigator of the Maximizing Student Development (IMSD) Program at Columbia geared to train under-represented minority doctoral students in four departments at our school.

In the Department of Epidemiology, Columbia University Mailman School of Public Health, I am the Substance Abuse Unit Leader, I am also a member of the Doctoral Steering Committee and Foundation Essay Committee. I served for three years on the Doctoral Admissions Committee. Throughout my career I have actively engaged in teaching and mentoring. My current research focuses on consequences of medical marijuana laws in the U.S, recreational marijuana laws in Uruguay (PI: Cerda), prescription drug monitoring programs (PI Cerda), social media and marijuana (PI: Daniuilaityte) and gambling and impulsive behaviors among minority adolescents in the U.S. I have many years of expertise in studies using U.S. national data, particularly the National Survey of Drug Use and Health (NSDUH), the National Epidemiologic Study on Alcohol and Related Conditions (NESARC), data from Latin America (i.e., São Paulo Megacity study; Brazilian middle and high school student drug use surveys) and the World Mental Health Surveys. I have always been committed to mentoring minority students. I am very pleased to be part of the IMSD leadership team.