



## Isabella Chu

Temp - Non-Exempt, Center for Population Health Sciences

### Bio

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#### BIO

I have been with the Stanford School of Medicine since 2001. I received my MPH in Public Health from UC Berkeley in 2011 and joined The Stanford Center for Population Health Sciences (PHS) in 2016. My research interests focus on social and environmental determinants of health, particularly how the built environment, especially housing and transportation policy, promotes equitable access to the economy, education and other opportunities and can improve public health.

Road deaths have been the leading cause of child and young adult traumatic injury and death in the United States for many years and I want to better understand how better transportation policy can lead to safer streets for people on foot, bicycles and in automobiles.

I am the Associate Director of the Data Core at PHS. The PHS Data Core specializes in hosting large, rich, high risk data which are used by hundreds of researchers to answer questions in precision and population health. My primary responsibilities include overseeing governance and regulatory matters, data security, privacy and ethics and collaboration with the team of research scientists and engineers who have built the PHS Data Core platform. This platform and model have been replicated in several research universities throughout the United States.

Prior to joining PHS I initiated the Stanford Research Registry (SRR) which grew to over 4,000 members within two years and greatly facilitated research participation for both individuals with chronic disease as well as healthy controls in clinical trials and qualitative research. The SRR served as the foundation for the Patient Engagement Portal initiative which allows for bi-directional communication with the entire Stanford patient population and the general public for the purposes of recruitment for research, reporting research findings and allowing research participants to better understand the impacts of their service on the advancement of science.

#### PERSONAL INTERESTS

My personal interests are aligned with my professional interests. I am the City Councilmember for my district in Redwood City California. I want policies that lead to happy, healthy, flourishing lives implemented in my community.