

## 2021 ASA Data Challenge Expo

Name: Walter Yu

Organization: Code for America ([Sacramento Brigade](#))

### **Title: Helping Communities During the COVID-19 Pandemic**

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4. Abstract Title: Helping Communities During the COVID-19 Pandemic
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7. Walter Yu (kharma@gmail.com)
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### **Abstract**

This project aims to help disadvantaged communities during the COVID-19 pandemic by answering the questions listed below through analysis of core and supplemental datasets. The intended audience are state/local governments, non-governmental organizations (NGOs) and volunteers which are able to provide aid and services to these communities.

The relationship between socioeconomic features of the U.S. population and disadvantaged communities is evaluated, and linear regression models are used to identify disadvantaged communities based on median household income. These communities are likely to be more impacted by the COVID-19 pandemic and in need of public services. The data analysis is used to provide recommendations on helping these communities.