

SUNNY SHAO

4+ years of experience in both qualitative and quantitative survey projects | Proficient in data manipulation and analysis software R, Stata, Python, SQL | Experienced in translating client's objects into actionable research plans | Familiar with the full ecosystem of demographic survey projects



EDUCATION

- April 2021**
 - PhD. Candidate, Political Science**
University of California
• Mass Behavior
Riverside, CA
- June 2015**
 - M.S., Public Policy**
Pepperdine University
• Economics
Malibu, CA
- June 2013**
 - B.A., International Communications**
Nottingham University
• Communication Theory & Social Media
Ningbo, China



RESEARCH EXPERIENCE

- June 2018**
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Current
 - Researcher & Center Associate**
Center for Social Innovation (UCR)
Riverside, CA
 - Led developed and coordinated over 100 data visualization products and survey research projects
 - Conducted quantitative research projects with both cross-sectional and longitudinal surveys
 - Moderated focus group research and other qualitative in-depth interviews
 - Effectively translated stakeholder objectives into actional measurement and research plans
 - Developed, programmed, and analyzed quantitative surveys with R and Qualtrics and managed research projects from initiation to closing
- March 2017**
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Current
 - Researcher**
AAPI Data
Riverside, CA
 - Conducted survey bias corrections and performed raking for demographically adjusted sampling weight
 - Experienced in delivering research insights as actionable recommendations to the partnering organizations
 - Developed survey experiments based on race and ethnicity predicted using surname lexicon and addresses
 - Effectively communicated compelling data-driven narrative and explain work, process, and decisions to cross-functional stakeholders
 - Key researcher served as the main point of contact for users on experience feedback and updates

CONTACT

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🐙 github.com/SunnyYShao
🌐 sunnyshao.com
in [/sunnyshao/](https://www.linkedin.com/in/sunnyshao/)

RESEARCH SKILLS

Qualitative/quantitative Research
Survey Experiments
Project Management
Data Visualization
Natural Language Processing
Data Mining
R/Qualtrics/Python/Stata

Made with the R package
[pagedown](#).

June 2016
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August 2016

● **Summer Fellow**
Education Pioneer 📍 Los Angeles, CA

- Tasked to develop a comprehensive evaluation system for student experience programs
- In-depth interviewed with teachers, students, principals, and program coordinators, followed with survey questionnaires about challenges and objectives
- Presented the final report to the School Board and successfully renewed the annual \$500k budget to the programs
- Prepared documentation with survey research protocols and designed principles for future program evaluations

June 2012
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August 2012

● **Data Analyst Intern**
SmartAnalyst 📍 Gurgaon, India

- Interviewed thoracic oncologists in Japan and China for pharmaceutical clients, who are on phase II trials of non-small cell lung cancer drugs
- Independently conducted phone interviews with lung cancer specialists in both China and Japan on prescription medication for Non-small Cell Lung Cancer and patient experiences
- Translated three-way phone meetings between client, SmartAnalyst, and Chinese thoracic oncologists
- Crowdsourced a list of thoracic oncologists through medical journals

SURVEY PROJECTS & FOCUS GROUP STUDY

October 2018
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October 2020

● **Quarterly Quantitative Survey - [Southern California Resident Survey on Political Opinions and Policy Attitudes](#)**
Center for Social Innovation

- Lead Researcher

June 2020
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August 2020

● **Focus Group Study - [California Low Propensity Voter Engagement](#)**
Center for Social Innovation

- Lead Researcher & Chinese Focus Group Moderator

October 2018
|
August 2020

● **Biannual Quantitative Research - [Asian American Voter Survey Attitudes and Opinions](#)**
AAPI Data

- Lead Researcher

March 2020
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June 2020

● **Mix-Method Survey - [Inland Empire Covid-19 Nonprofit Survey of Needs and Best Practices](#)**
Center for Social Innovation

- Lead Researcher

April 2018
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May 2018

● **Qualitative Survey - [Asian Pacific American Heritage Month Visibility Survey](#)**
AAPI Data

- Lead Researcher

March 2017
|
May 2017

● **Quantitative Survey - [2016 National Asian American Survey](#)**
AAPI Data

- Researcher



DATA DASHBOARDS

- July 2019 | current
● **Geographic Profiles, Racial Data**
R, ShinyApps, AWS
- March 2018 | current
● **Community Facts, AAPI Data**
R, ShinyApps, AWS
- June 2020 |
● **AAPI Quick Stats, AAPI Data**
R, ShinyApps, AWS
- November 2020
● **Mapping the Geography and Diversity of AAPI**
R & ArcGIS
- December 2019 |
● **QuickStats Data Dashboard**
HTML
- February 2020
● **QuickStats Data Dashboard**
HTML
- June 2017 |
● **QuickStats Data Dashboard**
HTML
- September 2017



RESEARCH REPORTS

- August 2020
● **Reaching Low-Propensity Voters in California's November 2020 Elections: Recommendations from focus group research and community partner engagement**
California Common Cause & Center for Social Innovation
- July 2020
● **APIA Vote: state Factsheets**
APIA Vote & AAPI Data
- April 2020
● **State of Nonprofit in the Inland Empire**
Center for Social Innovation
- December 2019
● **State of Civic Engagement in the Inland Empire**
Center for Social Innovation
- November 2019
● **Untapped Power: The Strength of Asian American, Native Hawaiian, and Pacific Islander Working People**
APALA & AAPI Data
- October 2019
● **State of Women in the Inland Empire**
Center for Social Innovation
- November 2018
● **State of Work in the Inland Empire**
Center for Social Innovation
- October 2018
● **Asian American Voter Survey Report**
APALA, AAJC & AAPI Data
- August 2018
● **Washing State Factsheet**
Washington Commission on Asian American Affairs
- April 2018
● **State of Immigrant in the Inland Empire**
Center for Social Innovation



ANALYTICS BLOG

- November 2020
● **Where Can AAPI Voters Have the Most Impact in November 2020?**
Authored with Mai Do

- November 2019 • **Understanding the Struggles of Asian Americans and Pacific Islanders**
Authored with Dr. Janelle Wong & Dr. Karthick Ramakrishnan
- November 2018 • **The 116th Congress Will Have The Most AAPIs. Ever**
Authored with Dr. Sono Shah
- October 2018 • **Here's what you need to know about AAPIs running for Congress in 2018**
Authored with Dr. Sono Shah
- September 2018 • **Record Gains in AAPI Voting Likely to Continue Through 2020**
Authored with Dr. Sono Shah & Dr. Karthick Ramakrishnan
- May 2018 • **There are Dozens of AAPIs Running for Congress This Year**
Authored with Alton Wong
- August 2017 • **Asian Ethnicity Data Helps Students, Saves Lives**
English to Chinese translation



TEACHING & WORKSHOP EXPERIENCE

- August 2020 | current • **ArcGIS Lab**
Center for Social Innovation 📍 Riverside, CA
- March 2020 | July 2020 • **Analyzing ACS data with tidyverse and tidycensus R packages**
Center for Social Innovation 📍 Riverside, CA
- July 2018 | February 2020 • **Data Analysis, Visualization and Social Entrepreneurship**
SEED Lab 📍 Riverside, CA
- May 2019 • **Infographic Design with Adobe illustrator**
AAPI Data 📍 Riverside, CA
- July 2018 • **Data Narrative Action (DNA): Data Visualization & Cesus Factfinder Tools**
Social Innovation Institute 📍 Riverside, CA
- September 2014 | June 2015 • **Applied Econometrics & Microeconomics**
School of Public Policy, Pepperdine University 📍 Malibu, CA



PRESENTATIONS & INVITED TALKS

- December 2019 • **Census Outreach and the Continuum of Civic Engagement**
Politics of Race, Immigration, and Ethnicity Consortium 📍 Riverside, CA
- June 2018 • **Perceived Discrimination and Political Socialization of New Americans**
Western Political Science Association 📍 San Francisco, CA
- April 2018 • **Perceived Discrimination and Political Socialization of New Americans**
Midwestern Political Science Association 📍 Chicago, IL
- March 2017 • **How Perception of living experiences shape political enagement of Immigrants?**
Politics of Race, Immigration, and Ethnicity Consortium 📍 Irvine, CA
- July 2020 • **2020 Census and Beyond: New Tool for AAPI Census Efforts**
Asian Americans/Pacific Islanders in Philanthropy 📍 Virtual
- March 2019 • **2018 and Beyond: Data, Narrative, and Action**
Advancing Justice Conference 📍 Atlanta, GA

- June
2018

Resources for Engaging in the Debate Over Data Disaggregation
Association of Asian American Studies

San Francisco, CA
- May
2018

Key Patterns and Trends Among Asian Americans and Pacific Islanders: Chinese American Demographics & Political Engagement
National Conference of State Legislators

Los Angeles, CA
- January
2015

Should Federal Government Mandate Vaccination for Children
RAND LA Policy Symposium

Santa Monica, CA



SELECTED PRESS

- November
2020

The challenge of combating fake news in Asian American communities
Vox
- November
2020

Chinese American Trump fans raise election recount funds on WeChat: New fundraising arm preps for comeback, quietly steers some donations to debts
Nikkei Asia
- October
2020

Who are the Chinese Americans voting for Trump
The Spectator UK
- October
2020

Would Prop. 16's affirmative action ensure equality in California
Los Angeles Time
- June
2020

US Election Special III: Election results update, Chinese Americans' voters in NYC
RTHK 31 Cable Network
- February
2019

Digital, Political, Nomads: Meet the Chinese Americans For Trump
OZY



HONORS AND AWARDS

- March
2017
|
current

Coulter Foundation GSA Grant
- May
2015
|
current

Pi Alpha Alpha Honor Society

Malibu, CA
- February
2020

2020 Rstudio conference Diversity Scholarship

San Francisco, CA
- September
2016
|
June
2017

UCR Dean's Distinguished Fellowship

Riverside, CA
- September
2013
|
June
2015

Pepperdine Graduate School Scholarship Award

Malibu, CA
- June
2014
|
September
2014

Pepperdine Dean's Distinguished Fellowship

Malibu, CA