### Program Update

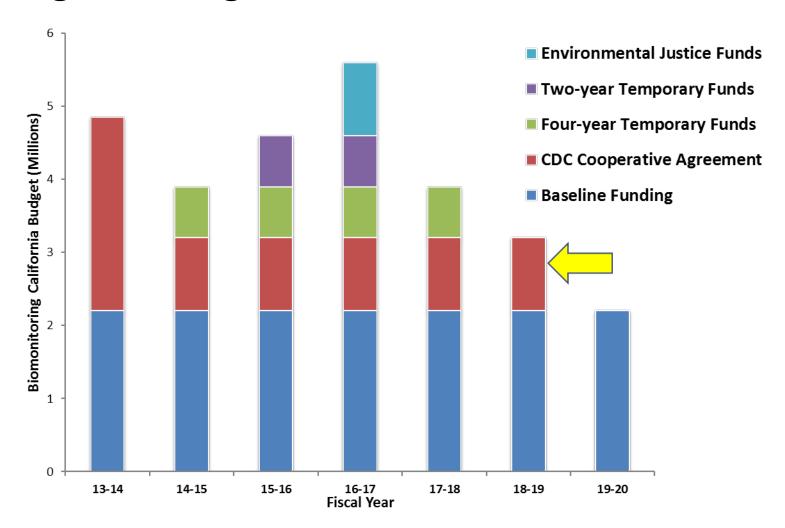
Nerissa Wu, MPH, PhD
California Department of Public Health

Presentation to the Scientific Guidance Panel Meeting

August 2018 – Oakland, California



#### Program Budget



<sup>\*</sup>Program budget was supplemented through the Budget Change Proposal (BCP) process as a temporary measure following the 2014 reduction in CDC funding.

## Biomonitoring California Sample Collection



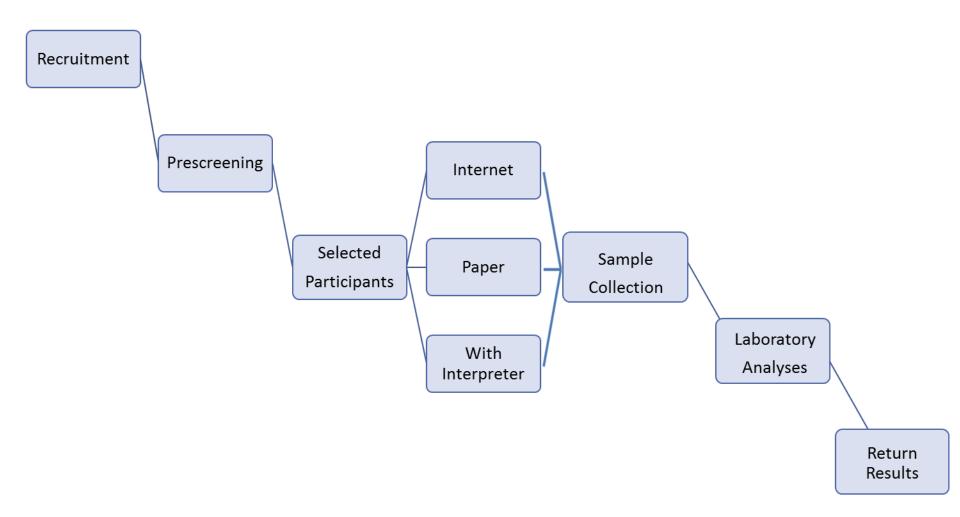
#### California Regional Exposure (CARE) Study

- Eight regions, based on geography and population
- Conduct sampling in approximately one region/year, with 300-500 participants per region
- Biomonitoring for metals and perfluoroalkyl and polyfluoroalkyl substances (PFASs) and collection of exposure data
- Potential to include additional panels, such as 1-nitropyrene or environmental phenols

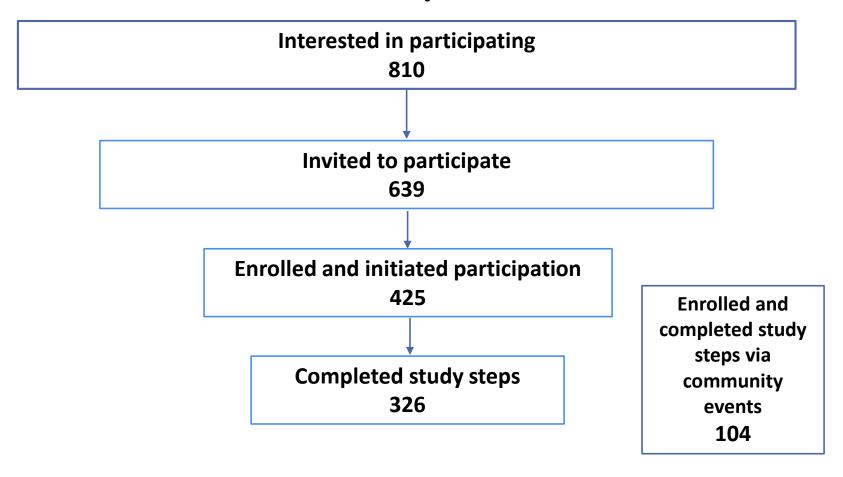




# California Regional Exposure Study: Participant Flow



#### **CARE LA Participation**



430 participants

# How did people find out about CARE LA?

Source	% Prescreen Population	Rate of Study Completion (%)
Postcard	22	62
Craigslist	23	43
Networking/Events	32	46
Flyers/Word of Mouth	23	59

#### How representative is CARE LA?

Race/Ethnicity (% of Total)	% CARE LA Participants	LA County (2017)
Asian	18	14
Black	14	8
Hispanic	37	48
White	30	26
Other	2	1

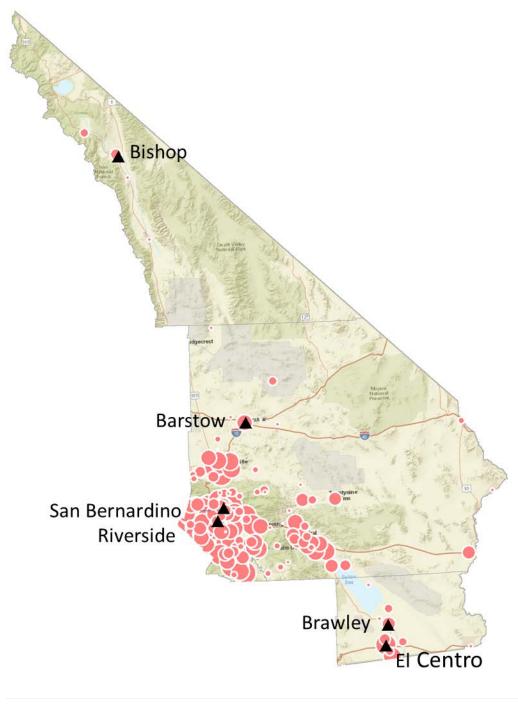
Education (% of Total)	% CARE LA Participants	LA County (2017)	
Some or no college	35		78
College degree or higher	65		31

#### CARE Study: Lessons learned

- All forms of outreach were important and should be continued
- Targeted outreach was the most successful recruitment method
- We needed to do a better job reaching out to diverse communities
- Participant incentive needs to be higher
- Enrollment and sample collection were the biggest challenges

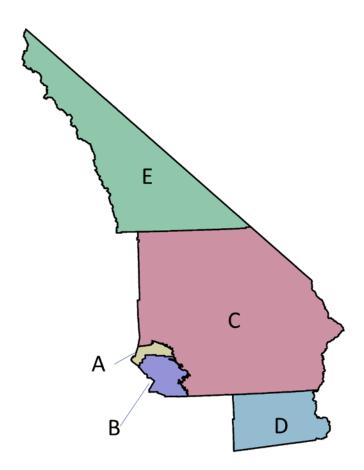
#### CARE Region 2

- Includes Riverside, San Bernardino, Imperial, Mono, and Inyo counties
- Population is concentrated in small areas



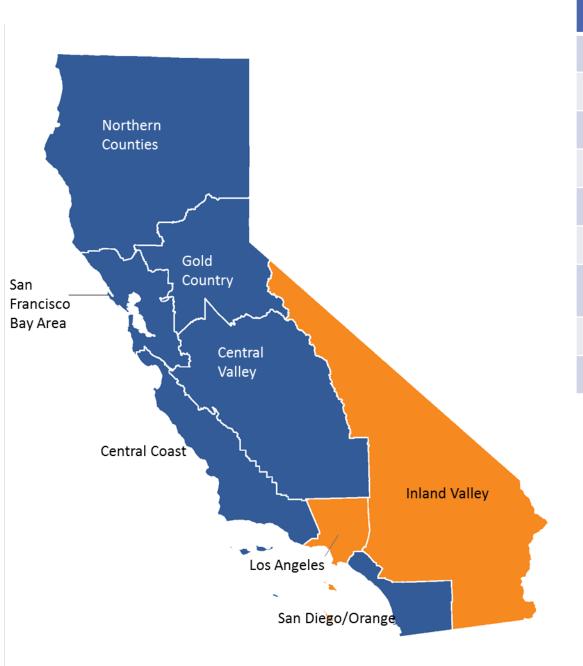
#### Region 2 Sampling Plan

- Divide Region 2 into five sampling zones
  - A Riverside County urban
  - B San Bernardino County urban
  - C Suburban and rural areas of Riverside and San Bernardino counties
  - D Imperial
  - E − Inyo/Mono
- Based on population, set zone-based enrollment goals
- Over-sample in some zones and in race/ethnicity groups



#### Projected timeline

Task	Projected Timeline
Region 1 – Early notification for elevated metals levels	May – September 2018
Region 1 – Return results	December 2018
Region 2 - Outreach	June – December 2018
Region 1 – Community meetings	March – April 2019
Region 2 – Field work	January – April 2019



Projected Year	Region
2018	Region 1: Los Angeles County
2019	Region 2: Inland Valley
2020	Region 3: San Diego/Orange
2021	Region 4: Central Coast
2022	Region 5: Central Valley
2023	Region 6: Gold Country
2024	Region 7: San Francisco Bay Area
2025	Region 8: Northern Counties
2026	Region 1: Los Angeles County

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