COMMITTEE FOR THE PROTECTION OF HUMAN SUBJECTS (CPHS)
CALIFORNIA HEALTH AND HUMAN SERVICES AGENCY (CHHS)

**Members**
- Juan Ruiz, MD, DrPH, MPH, Chair
- Larry Dickey, MD, MPH, Vice Chair
- Alicia Bazzano, MD, PhD
- Diana T. Chingos, MS, MFA
- Darci Delgado, PsyD, MS
- Maria Dinis, PhD, MSW
- Lois Lowe, PhD, MA
- Laura Lund, MA
- Fred Molitor, PhD
- Philip Palacio, EdD, MS
- John Schaeuble, PhD, MS
- Jennifer Schwartz, JD

**Alternate Member**
- Millard Murphy, JD

**Date:**
Friday, February 5, 2021
8:30 a.m.– 3:00 p.m.

**Phone:**
1-844-621-3956
United States Toll Free
+1-415-655-0001 US Toll
Access code: 145 041 9022

**Notice:**
This meeting will be held only by teleconference. Members of the Committee and members of the public may fully participate from their own locations.
<table>
<thead>
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<th>Item</th>
<th>Subject</th>
<th>Presenter</th>
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<tr>
<td>A</td>
<td>Welcome</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>Chair Updates</td>
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<td>B</td>
<td>CHHS Data Application Standardization Project</td>
<td>Darci Delgado, PsyD Member</td>
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<td>Update</td>
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<td>C</td>
<td>Administrator Report</td>
<td>Lucila Martinez, CPHS Administrator</td>
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<td></td>
<td>1. Continuing Renewal – Implementation of Approved Changes</td>
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<td>2. Departmental Letter of Support (LOS) Procedures</td>
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<td>3. CPHS Annual Report of Protocols Received in 2020</td>
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<td>D</td>
<td>Review and Approval of Meeting Minutes</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>October 2020 and December 2020</td>
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<td>E</td>
<td>Projects with Reported Adverse Events and/or</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>Deviations</td>
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<td>Determine if action on projects is needed. See attachment for list of projects.</td>
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<td>F</td>
<td>New Projects – Full Committee Review Required</td>
<td>All Members</td>
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<td>See attachment for list of projects.</td>
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<td>G</td>
<td>Second Review Calendar</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>Full committee review needed on previously tabled projects. None.</td>
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<td>New Projects – Expedited Review Requested</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>Some projects listed may require full committee review and others are recommended for approval by expedited review. Project approvals may be ratified by the committee. See attachment for list of projects.</td>
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<td>Projects Requiring Periodic Review Only (Including Greater than Minimal Risk)</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>J</td>
<td>Projects with Major Revisions Requiring Periodic Review</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>K</td>
<td>Projects with Request for CPHS to Rely on Another IRB</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>None.</td>
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<td>Exemption/Determination Requests</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>M</td>
<td>Final Reports</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>Projects listed are submitted for closure and are recommended for approval by expedited review. See attachment for list of projects.</td>
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<td>N</td>
<td>Public Comments</td>
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<td>O</td>
<td>Next Meeting</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>The next CPHS meeting is scheduled for Friday, April 2, 2021.</td>
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<td>P</td>
<td>Adjournment</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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**NOTE:** Action may be taken on any items listed in this agenda. To request any background materials prior to the meeting, please contact the Administrator.

If you need additional assistance to participate in the teleconference meeting, contact the CPHS Administrator.

Pursuant to the Americans with Disabilities Act, individuals with disabilities may request a reasonable accommodation or modification to access and participate in the meeting. Please contact the CPHS Administrator at least five (5) business days prior to the meeting, using the CPHS contact information below. CPHS will ensure that it makes every effort to fulfill the request. If you have any questions or comments, you may contact the CPHS Administrator at (916) 326-3660 or by email at cphs-mail@oshpd.ca.gov
E. Projects with Reported Adverse Events and/or Deviations

1. Project # 2019-294 (Delgado)
   Title: Fruit and Vegetable Vouchers During Pregnancy to Improve Dietary Intake and Increase Family Food Security in Households with Low-Income
   PI: Hilary Seligman, MD, MAS
   University of California, San Francisco
   San Francisco, CA

2. Project # 2020-181 (Delgado)
   Title: Public Health Impacts of Prescribed Fire – Community Engagement
   PI: Sumi Hosshiko, MPH
   California Department of Public Health
   Richmond, CA

3. Project # 2020-037 (Molitor)
   Title: Development of a Research Infrastructure for Understanding and Addressing Multiple Myeloma Disparities
   PI: Luis Carvajal-Carmona, PhD
   University of California, Davis
   Davis, CA

F. New Projects – Full Committee Review Required

1. Project # 2020-254 (Schaeuble)
   Title: Genetics of Immune Related Adverse Events and Response to Immunotherapy
   PI: Elad Ziv, MD
   University of California, San Francisco
   San Francisco, CA
2. Project # 2021-008 (Molitor)
   Title: Enhanced Surveillance for Occupational Contributors to Mesothelioma in California
   PI: Kristin Cummings, MD, MPH
       California Department of Public Health
       Richmond, CA

3. Project # 2021-009 (Lund)
   Title: UCI Child Studies Collaborative – Recruitment Database
   PI: Lindsey Richland, PhD
       University of California, Irvine
       Irvine, CA

4. Project # 2021-012 (Dinis)
   Title: Caregiving for Young Adults with Cancer in Latino Families
   PI: Michael A Hoyt, PhD
       University of California, Irvine
       Irvine, CA

5. Project # 2021-013 (Chingos)
   Title: Patterns of Mammography Study
   PI: Pamela Spain, PhD
       Research Triangle Institute (RTI) International
       Research Triangle Park, NC

6. Project # 2021-017 (Bazzano)
   Title: Understanding of Vaccines, Decision-Making, and Knowledge of Human Papillomavirus (HPV) Among School-Going Adolescents in California
   PI: Arin Parsa
       Teens for Vaccines
       San Jose, CA
7. Project # 2021-019 (Palacio)
   Title: A Breath of Freedom Evaluation and Learning Cycle
   PI: Lucia de la Fuente Somoza, PhD
        GRIP Training Institute
        Fremont, CA

8. Project # 2021-020 (Dickey)
   Title: COVID-19-Focused Survey and Serosurvey Study in Selected Regions of
          the US-Mexico Border
   PI: Olivia Arizmendi, PhD, MPH
        California Department of Public Health
        San Diego, CA

8. Project # 2021-023 (Lowe)
   Title: Prostate Cancer Comparative Outcomes of New ConcEpetual Paradigms
          for Treatment (PCCONCEPT) Study
   PI: Ann Hamilton, PhD
        Keck School of Medicine
        Los Angeles, CA

G. Second Review Calendar
None.

H. New Projects – Expedited Review Requested

1. Project # 2020-256 (Molitor)
   Title: Provider Choices and Health Outcomes Among In-Home Support Services
          (IHSS) Participants
   PI: Amy Finkelstein, PhD, Economics
        Massachusetts Institute of Technology
        Cambridge, MA

2. Project # 2020-251 (Lowe)
   Title: Overbreadth and Arbitrariness of California’s Capital Punishment Statute
   PI: Catherine Grosso
        Michigan State University
        East Lansing, MI
3. Project # 2021-004 (Molitor)
   Title: Analysis of Surgical Outcomes Using California’s Office of Statewide Health Planning and Development (OSHPD) Database
   PI: Christopher Reid, MD
   University of California, San Diego
   La Jolla, CA

4. Project # 2020-253 (Dinis)
   Title: Cooler and Healthier: Reducing Heat-Health Risk Using Urban Forestry and Stakeholder Engagement
   PI: David Eisenman, MD, MSHS
   University of California, Los Angeles
   Los Angeles, CA

5. Project # 2020-264 (Schaeuble)
   Title: Modeling Patient Trajectories for Early Prediction of Clinical Events
   PI: David Kim, MD PhD
   Stanford University
   Palo Alto, CA

6. Project # 2021-011 (Schaeuble)
   Title: Using Vital Statistics to Measure Mental Health Service Outcomes
   PI: Dawnte Early, PhD
   Mental Health Services Oversight and Accountability Commission (MHSOAC)
   Sacramento, CA

7. Project # 2020-265 (Palacio)
   Title: California Occupational Death Disparities
   PI: Edward Flores, PhD
   University of California, Merced
   Merced, CA
8. Project # 2021-002 (Lowe)
   Title: Identification of Colonoscopy Metrics as Markers for Colon Cancer Prevention
   PI: Edward S Huang, MD, MPH
   Sutter Health
   Palo Alto, CA

9. Project # 2020-160 (Lowe)
   Title: Impacts of Safety Net Programs on Health Outcomes in California
   PI: Evan White, JD, MPP
   University of California, Berkeley
   Berkeley, CA

10. Project # 2020-255 (Lowe)
    Title: Harnessing Geospatial Data for Precision Prevention of Prostate Cancer
    PI: Hari Iyer, ScD, MPH
    Dana-Farber Cancer Institute/Harvard Medical School
    Boston, MA

11. Project # 2020-238 (Lowe)
    Title: A Retrospective Review of Cardiothoracic (CT) Surgery Case Data Collected by Cedars-Sinai Medical Center to Assess Long-Term Clinical and Economic Outcomes Following Cardiac Surgery
    PI: Joanna Chikwe, MD
    Cedars-Sinai Medical Center
    Los Angeles, CA

12. Project # 2021-014 (Lowe)
    Title: Is Maternal Risk Appropriate Care (MRAC) Associated with Decreased Severe Maternal Morbidity (SMM) for Abnormal Placentation?
    PI: Kimberly Gregory, MD, MPH
    Cedars-Sinai Medical Center
    Los Angeles, CA
13. **Project #** 2021-016 (Dinis)
**Title:** Integrating Clinical, Genomic, and Neighborhood Data into the National Childhood Cancer Registry
**PI:** Lena Winestone, MD
University of California, San Francisco
San Francisco, CA

14. **Project #** 2020-247 (Lund)
**Title:** Racial/Ethnic Disparities in Treatment Type and Use of Care Facilities Following Breast Cancer Diagnosis Among Women in California
**PI:** Lihua Liu, PhD
University of Southern California
Los Angeles, CA

15. **Project #** 2021-005 (Dinis)
**Title:** Epigenetic and Metabolomic Markers in Pregnancy and Racial Disparities of Gestational Diabetes Mellitus (GDM)
**PI:** Liwei Chen, MD, PhD
University of California, Los Angeles
Los Angeles, CA

16. **Project #** 2020-234 (Dinis)
**Title:** Molecular Epidemiological Study of Gastric and Liver Cancer in California
**PI:** Luis Carvajal-Carmona, PhD
University of California, Davis
Davis, CA

17. **Project #** 2021-010 (Lowe)
**Title:** Impact of In Utero Marijuana Exposure on Neurodevelopment, Behavior and Mental Health: A Longitudinal Birth Cohort Study
**PI:** Lyndsay Avalos, PhD, MPH
Kaiser Foundation Research Institute
Oakland, CA
18. Project # 2020-258 (Molitor)
Title: Social Security Eligibility and Health Care Utilization: Evidence from the Early Retirement Age
PI: Matthew Knowles, BA, MA
Vanderbilt University
Nashville, TN

19. Project # 2020-252 (Ruiz)
Title: 2/3 Consortium to Improve Outcomes in HIV/Aids, Alcohol, Aging and Multi-Substance (COMpAAAS) Tripartite: Antiretroviral Therapy Cohort Collaboration (ART-CC), Kaiser Permanente (KP), and Veteran Affairs (VA)
PI: Michael Silverberg, PhD, MPH
Kaiser Permanente
Oakland, CA

20. Project # 2020-257 (Lowe)
Title: UCSF Positive Health Program (PHP)/Ward86 Quality Improvement
PI: Monica Gandhi, MD, MPH
University of California, San Francisco
San Francisco, CA

21. Project # 2021-001 (Dinis)
Title: Impact of Air Pollution on COVID-19 Case and Death Risk in California
PI: Peggy Reynolds, PhD
University of California, San Francisco
Fremont, CA

22. Project # 2020-223 (Chingos)
Title: Ethnicity and Nativity in Cancer – Latino and Asian Enclaves: The ENCLAVE Study
PI: Salma Shariff-Marco, PhD, MPH
University of California, San Francisco
San Francisco, CA
23. Project # 2021-006 (Palacio)
   Title: Evaluation of Center for Council's Mindfulness-Based Program for Inmates
   PI: Stacy Calhoun, PhD
       University of California, Los Angeles
       Los Angeles, CA

24. Project # 2020-245 (Lowe)
   Title: Clinical Care Gaps and Unmet Needs in Adolescent and Young Adult
          (AYA) Cancers
   PI: Theresa Keegan, PhD, MS
       University of California, Davis
       Sacramento, CA

25. Project # 2020-235 (Lund)
   Title: Job Loss, COVID-19, and Mortality
   PI: Till von Wachter, PhD
       University of California, Los Angeles
       Los Angeles, CA

26. Project # 2021-007 (Molitor)
   Title: Competency to Stand Trial in Spanish-Speaking Defendants: An
          Examination of Content and Quality of Forensic Reports
   PI: Veronica Sanchez Varela, PhD
       California Department of State Hospitals
       Napa, CA

27. Project # 2021-015 (Dinis)
   Title: Racial Equity in the Temporary Assistance for Needy Families (TANF)
          Service Delivery Path to Family Stability and Self-Sufficiency
   PI: Yu-Ling Chang
       University of California, Berkeley
       Berkeley, CA
28. Project # 2020-148 (Lowe)
   Title: Supply Side and Demand Level Influences on Patient Healthcare Choices: Evidence from California
   PI: Zachary Levin, BA
   University of Minnesota
   Minneapolis, MN

29. Project # 2020-174 (Dickey)
   Title: Environmental Exposure to Perfluorinated Substances and Cerebral Palsy (The EXPOSE CP Study)
   PI: Zeyan Liew, PhD
   Yale University
   New Haven, CT

30. Project # 2021-999 (Delgado)
   Title: Volatility, Agency, and Health: A City-Led Guaranteed Income Experiment
   PI: Stacia Martin-West, PhD
   University of Tennessee, Knoxville
   Knoxville, TN

I. Projects Requiring Periodic Review Only (Including Greater than Minimal Risk)

1. Project # 13-04-1191 (Martinez)
   Title: Obstetric Management and Outcomes in California 2005-2012
   PI: Aaron Caughey, MD, PhD
   Oregon Health and Science University
   Portland, OR

2. Project # 2018-006 (Harrell-Nash)
   Title: Prenatal Tobacco Smoke Exposure and Somatic Alterations in Childhood Acute Lymphoid Leukemia (ALL)
   PI: Adam de Smith, PhD
   University of California, Berkeley
   Los Angeles, CA
3. Project # 12-06-0426 (Dickey)  
Title: Comparative Effectiveness of Treatments for Localized Prostate Cancer (CEASAR Study) – Los Angeles Subcontract  
PI: Ann Hamilton, PhD  
Keck School of Medicine  
Los Angeles, CA

4. Project # 2018-153 (Martinez)  
Title: Research on Prostate Cancer in African American Men: Defining the Roles of Genetics, Tumor Markers and Social Stress (RESPOND) Core B  
PI: Ann Hamilton, PhD  
Keck School of Medicine  
Los Angeles, CA

5. Project # 17-04-2950 (Harrell-Nash)  
Title: Exploring Factors Related to Racial Disparities in Ovarian Cancer Incidence and Survival: The Ovarian Cancer in Women of African Ancestry Consortium  
PI: Anna Wu, PhD  
University of Southern California  
Los Angeles, CA

6. Project # 12-10-0873 (Dinis)  
Title: Learning to Listen Ahead in English and Spanish  
PI: Anne Fernald, PhD  
Stanford University  
Stanford, CA

7. Project # 12-09-0757 (Lowe)  
Title: Normal and Abnormal Spatial Vision in Infants and Form and Motion Integration  
PI: Anthony Norcia, PhD  
Stanford University  
Stanford, CA
8. **Project #** 2020-012 (Martinez)
   **Title:** Pilot Data Linkage Between Two California Tribal Health Programs (THPs) Patient Registration Data with State Vital Statistics Data to Assess the Effect of Racial Misclassification on Estimates of Opioid Overdose Mortality in American Indian and Alaskan Native Population Ever Registered in Either One of the Participating THPs
   **PI:** Arunaranjani Arthanari, BVSc, MPVM
   California Rural Indian Health Board
   Roseville, CA

9. **Project #** 2017-085 (Martinez)
   **Title:** Getting a Grip on Guiding Rage into Power (GRIP): Perceptions of Effects on Socio-Emotional Development and Behavioral Patterns in Two California State Prisons
   **PI:** Bowen Paulle, PhD
   University of Amsterdam
   Amsterdam, NL

10. **Project #** 12-12-0953 (Schaeuble)
    **Title:** Parkinson's Registry Investigation of Diagnosis and Etiology (PRIDE) Study
    **PI:** Caroline Tanner, MD, PhD
    University of California, San Francisco
    San Francisco, CA

11. **Project #** 2018-005 (Martinez)
    **Title:** Support for Infrastructure of Childhood Leukemia Environmental Research
    **PI:** Catherine Metayer, MD, PhD
    University of California, Berkeley
    Berkeley, CA

12. **Project #** 2019-295 (Martinez)
    **Title:** Folate Pathway and Childhood Leukemia: An Integrated Omic Study
    **PI:** Catherine Metayer, MD, PhD
    University of California, Berkeley
    Berkeley, CA
13. Project # 13-01-1048 (Schaeuble)
Title: Research in Language and Cognitive Development
PI: Catherine Sandhofer, PhD
University of California, Los Angeles
Los Angeles, CA

14. Project # 14-05-1581 (Martinez)
Title: Quality of Care for Patients with Kidney and Ureteral Stones in California
PI: Christopher Elliott, MD, PhD
Stanford University
Stanford, CA

15. Project # 12-11-0905 (Harrell-Nash)
Title: Surveillance of Air Pollution and Related Cardiopulmonary Morbidity in California, 2000-2020
PI: Cynthia Garcia, BA
California Air Resources Board
Sacramento, CA

16. Project # 12-07-0506 (Harrell-Nash)
Title: The Impact of Physician Supply, Socioeconomic Status, and Insurance on Preventable Hospitalizations and Emergency Department Visits
PI: David Zingmond, MD, PhD
University of California, Los Angeles
Los Angeles, CA

17. Project # 2018-001 (Harrell-Nash)
Title: Impact of Accountable Care Organizations on Patient Outcomes
PI: Deepa Wani, PhD
University of Texas
Atlanta, GA
18. Project # 13-09-1350 (Martinez)
   Title: Los Angeles Mommy and Baby Project Follow Up Project (LAMB Follow-up)
   PI: Diana Liu, MPH
   Los Angeles County
   Los Angeles, CA

19. Project # 12-12-0949 (Martinez)
   Title: Los Angeles Mommy and Baby (LAMB) Project
   PI: Diana Liu, MPH
   Los Angeles County
   Los Angeles, CA

20. Project # 15-07-2133 (Martinez)
    Title: Performance of Spanish Speaking Psychiatric In-Patients on Cognitive and Effort Measures
    PI: Dominique Kinney, PhD
    California Department of State Hospitals
    Patton, CA

21. Project # 2019-180 (Harrell-Nash)
    Title: Effects of Hospital Work Stoppages: Evidence from California
    PI: Elizabeth Powers, PhD
    University of Illinois at Urbana-Champaign
    Urbana-Champaign, IL

22. Project # 2018-080 (Martinez)
    Title: California Health and Human Services Record Reconciliation
    PI: Emily Putnam-Hornstein, PhD
    University of Southern California
    Los Angeles, CA
23. Project # 2020-003 (Martinez)
   Title: Assessing the Child Welfare System Service Delivery and Outcomes
   PI: Evan White, JD MPP
       University of California, Berkeley
       Berkeley, CA

24. Project # 16-04-2493 (Martinez)
   Title: Cancer Incidence Study of Marines/Navy Personnel and Civilian
       Employees Exposed to Contaminated Drinking Water at United States
       Marine Corps Base Camp Lejeune
   PI: Frank Bove, ScD, MS
       Centers for Disease Control and Prevention
       Chamblee, GA

25. Project # 13-10-1398 (Molitor)
   Title: Birth Defects Study to Evaluate Pregnancy Exposures – California
       Component
   PI: Gary Shaw, DrPH
       Stanford University
       Stanford, CA

26. Project # 12-11-0906 (Martinez)
   Title: Using Population-Based Datasets to Generate and Test New Hypotheses
       for Investigating Preterm Births and Related Adverse Conditions in
       California
   PI: Gary Shaw, DrPH
       Stanford University
       Stanford, CA

27. Project # 12-11-0924 (Martinez)
   Title: Candidate Genes and Congenital Malformations of Neural Crest Cell
       Origin
   PI: Gary Shaw, DrPH
       Stanford University
       Stanford, CA
28. Project # 2019-007 (Martinez)
   Title: Why She Didn’t Just Leave: The Effect of Nuisance Property Ordinances on Domestic Violence
   PI: Gauri Shastry, PhD
       Wellesley College
       Boston, MA

29. Project # 2018-046 (Martinez)
   Title: Hospital Markets in California
   PI: Glenn Melnick, PhD
       RAND
       Santa Monica, CA

30. Project # 12-11-0896 (Martinez)
    Title: Air Pollution and Autism in Southern California
    PI: Heather Volk, PhD
        Johns Hopkins University
        Baltimore, MD

31. Project # 16-11-2778 (Martinez)
    Title: Transition of Care for Patients with Complex Congenital Urological Conditions
    PI: Hillary Copp, MD
        University of California, San Francisco
        San Francisco, CA

32. Project # 13-09-1352 (Harrell-Nash)
    Title: Program for the International Assessment of Adult Competencies (PIAAC): 2014 National Supplement Prison Study
    PI: Jacquie Hogan
        Westat
        Rockville, MD
33. Project # 2018-254 (Martinez)  
Title: Market Power, Hospital Pricing, and Employer Sponsored Insurance Coverage in California: 2010-2017  
PI: James Godwin, BA  
University of California, Los Angeles  
Los Angeles, CA

34. Project # 16-12-2813 (Martinez)  
Title: Population-Based Assessment of Treatment Patterns and Outcomes Among Women with Newly Diagnosed Ductal Carcinoma in Situ  
PI: Jean Mitchell, PhD  
Georgetown University Medical Center  
Washington, DC

35. Project # 16-11-2798 (Harrell-Nash)  
Title: Assessing the Value of Aggressive Treatment of Low-Risk Prostate Cancer  
PI: Jean Mitchell, PhD  
Georgetown University Medical Center  
Washington, DC

36. Project # 2019-012 (Molitor)  
Title: Promoting Take-Up of Earned Income Tax Credit  
PI: Jesse Rothstein, PhD  
University of California, Berkeley  
Berkeley, CA

37. Project # 14-12-1810 (Lowe)  
Title: Toddlers in Play Study  
PI: Jessica Grady, PhD  
University of the Pacific  
Stockton, CA
38. Project # 2019-218 (Martinez)
   Title: Study on the Acute Effects of Air Pollution and Temperature on the Risk of Mortality
   PI: Joel Schwartz, PhD
       Harvard University
       Cambridge, MD

39. Project # 2018-121 (Martinez)
   Title: Linking Birth Records to the Add Health Cohort
   PI: Jon Hussey, PhD, MPH
       University of North Carolina, Chapel Hill
       Chapel Hill, NC

40. Project # 2018-042 (Martinez)
    Title: The Reliability of Experts' Risk Assessments and Factors Related to Expert Decisions for Referral in Women, Infants and Children (WIC) 6600 Evaluations
    PI: Joseph Lockhart, PhD
        California Department of State Hospitals
        Sacramento, CA

41. Project # 2020-011 (Martinez)
    Title: Pollution and Healthcare
    PI: Joshua Graff Zivin, PhD
        University of California, San Diego
        San Diego, CA

42. Project # 12-11-0935 (Martinez)
    Title: Foodborne Diseases Active Surveillance Network: Population Survey
    PI: Kareena Hundal, MPH
        California Emerging Infections Program
        Oakland, CA
43. Project # 17-01-2849 (Harrell-Nash)
   Title: Congregate Care Reform Analysis
   PI: Kevin O’Connell, MA
   Chief Probation Officers of California
   Sacramento, CA

44. Project # 2019-177 (Lund)
   Title: Road to Resilience: Evaluation of Statewide Parenting Support Programs for Mothers with Substance Use Histories
   PI: Krista Gurko, MEd, PhD
   California Department of Social Services
   Sacramento, CA

45. Project # 2019-024 (Martinez)
   Title: Examination of Social, Geographic, and Policy Determinants of Preterm Birth in California
   PI: Laura Jelliffe, PhD
   University of California, San Francisco
   San Francisco, CA

46. Project # 14-12-1829 (Ruiz)
   Title: Champions for Change Media Campaign Evaluation
   PI: Lauren Whetstone, PhD
   California Department of Public Health
   Sacramento, CA

47. Project # 12-12-0956 (Martinez)
   Title: Replication of Draper Study of Leukemia, Brain Tumors and Distance to Power Lines in California
   PI: Leeka Kheifets, PhD
   University of California, Los Angeles
   Los Angeles, CA
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<th>Project #</th>
<th>Title</th>
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<tr>
<td>49. 2019-298</td>
<td>Healthcare Utilization Patterns of Patients with Temporary Medicaid Coverage Under the Hospital Presumptive Eligibility Program</td>
<td>Lisa Knowlton, MD Stanford University Stanford, CA</td>
</tr>
<tr>
<td>50. 15-10-2260</td>
<td>Collection of Confirmed Duchenne Muscular Dystrophy Positive and Presumptive Negative Newborn Screening Dried Blood Spot Specimens (ES01-15002)</td>
<td>Lisa Vershave Perkin Elmer Indianapolis, IN</td>
</tr>
<tr>
<td>51. 2018-214</td>
<td>Collection of Confirmed Classic Galactosemia (Galactose-1-Phosphate Uridytransferase Deficient) Positive Newborn Screening Specimens</td>
<td>Lisa Vershave Perkin Elmer Indianapolis, IN</td>
</tr>
<tr>
<td>52. 15-09-2245</td>
<td>Making the Most of Women, Infants and Children (WIC) Foods: A Pilot Study to Examine Purchasing Decisions of WIC Participants</td>
<td>Loan Kim, PhD, RD Pepperdine University Irvine, CA</td>
</tr>
</tbody>
</table>
53. Project # 13-12-1462 (Martinez)
   Title: Racial/Ethnic and Gender Differences in Early Stage Non-Small Cell Lung Cancer
   PI: Lori Sakoda, MPH, PhD
       Kaiser Permanente
       Oakland, CA

54. Project # 2018-034 (Ruiz)
   Title: Reducing Isolation through Support and Empowerment (RISE)
   PI: Marci Eads, PhD
       California Department of Public Health
       Sacramento, CA

55. Project # 16-08-2681 (Harrell-Nash)
   Title: Evaluation of the Individual-Level User Experience with the National Training Initiative of Adoption Mental Health Competence
   PI: Marlene Matarese, PhD
       University of Maryland
       College Park, MD

56. Project # 12-06-0355 (Harrell-Nash)
   Title: Gestational Age Measurement in California Birth Records
   PI: Martin Kharrazi, PhD
       California Department of Public Health
       Sacramento, CA

57. Project # 2019-049 (Martinez)
   Title: Tobacco and Cannabis Exposure During Pregnancy in Six Race/Ethnic Subgroups in California
   PI: Martin Kharrazi, PhD
       California Department of Public Health
       Sacramento, CA
<table>
<thead>
<tr>
<th>Project #</th>
<th>Title</th>
<th>PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-11-0925 (Martinez)</td>
<td>Molecular Markers of Preterm Birth – Maternal and Infant Genetic Contributions to Preterm Birth: The Inflammatory Response</td>
<td>Martin Kharrazi, PhD California Department of Public Health Sacramento, CA</td>
</tr>
<tr>
<td>12-06-0357 (Martinez)</td>
<td>Ascertainment of Environmental Exposure During Pregnancy</td>
<td>Martin Kharrazi, PhD California Department of Public Health Sacramento, CA</td>
</tr>
<tr>
<td>2017-022 (Martinez)</td>
<td>Characteristics of Persons Admitted to State Prisons, 2009 and 2014</td>
<td>Matthew Durose, MS California Department of Justice Sacramento, CA</td>
</tr>
<tr>
<td>2019-166 (Harrell-Nash)</td>
<td>Names and Economic Mobility</td>
<td>Matthew Spitzer, JD, PhD Northwestern University Evanston, IL</td>
</tr>
<tr>
<td>2017-103 (Harrell-Nash)</td>
<td>Health at Birth and Adult Socio-Economic Outcomes</td>
<td>Maya Rossin-Slater, PhD Stanford University Stanford, CA</td>
</tr>
</tbody>
</table>
63. Project # 12-11-0903 (Martinez)
Title: Cohort Cancer Registry Follow-Up Study
PI: Meir Stampfer, MD, DrPH
Harvard University
Cambridge, MD

64. Project # 2018-003 (Harrell-Nash)
Title: A Comparison of Criminal and Violent Recidivism: Conditional Release Program-Released Patients and Directly-Discharged Patients by Legal Classification
PI: Melinda DiCiro, PsyD
California Department of State Hospitals
Sacramento, CA

65. Project # 16-10-2744 (Martinez)
Title: California's College and Career Readiness Standards in the Era of Common Core Assessments
PI: Michal Kurlaender, PhD
University of California, Davis
Davis, CA

66. Project # 12-05-0219 (Harrell-Nash)
Title: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network – California Population
PI: Michelle Pearl, PhD
California Department of Public Health
Davis, CA

67. Project # 2019-048 (Harrell-Nash)
Title: Are Mothers and Their Children at Risk from In Utero Exposure to Grandmaternal Smoking?
PI: Michelle Pearl, PhD
California Department of Public Health
Davis, CA
68. Project # 12-08-0591 (Martinez)
Title: Does Tobacco Exposure Delay Conception?
PI: Michelle Pearl, PhD
California Department of Public Health
Richmond, CA

69. Project # 12-08-0589 (Martinez)
Title: Phytoestrogens and Time to Pregnancy
PI: Michelle Pearl, PhD
California Air Resources Board
Richmond, CA

70. Project # 2019-047 (Dickey)
Title: Establishment of Group B Streptococcal Immunologic Endpoints Reasonably Like to Predict Clinical Benefit Against Invasive Disease Among Young Infants: A Multi-State Case-Control Study
PI: Mirasol Apostol, MPH
California Emerging Infections Program
Oakland, CA

71. Project # 2020-002 (Martinez)
Title: The Role of Neighborhood and Facility-Level Factors in Pediatric Emergency Care
PI: Morgan Swanson
University of Iowa
Iowa City, IA

72. Project # 2020-007 (Martinez)
Title: A Multi-State Evaluation of Emergency Department Pediatric Readiness: Guideline Uptake and Association with Quality, Outcomes, and Cost
PI: N. Clay Mann, PhD, MS, MBA
University of Utah
Salt Lake City, UT
73. Project # 2018-030 (Ruiz)
   Title: Whole Person Care (WPC) Pilot Evaluation Design
   PI: Nadereh Pourat, PhD
   University of California, Los Angeles
   Los Angeles, CA

74. Project # 2019-029 (Martinez)
   Title: Evaluation of the Health Homes Program (HHP)
   PI: Nadereh Pourat, PhD
   University of California, Los Angeles
   Los Angeles, CA

75. Project # 15-12-2357 (Martinez)
   Title: Investigating Epidemiology and Long-Term Outcomes of Infectious Endocarditis
   PI: Natalia Egorova, PhD
   Mount Sinai School of Medicine
   New York, NY

76. Project # 15-12-2344 (Martinez)
   Title: Asian and Pacific Islander Community Exposures (ACE) Project
   PI: Nerissa Wu, PhD
   California Department of Public Health
   Richmond, CA

77. Project # 12-12-1006 (Martinez)
   Title: Molecular Epidemiology of Pancreatic Cancer
   PI: Paige Bracci, PhD, MS, MPH
   University of California, San Francisco
   San Francisco, CA
78. Project # 16-10-2729 (Martinez)
   Title: Pancreatic Cystic Lesions: Descriptive Epidemiology and Natural History
   PI: Paige Bracci, PhD, MS, MPH
       University of California, San Francisco
       San Francisco, CA

79. Project # 2019-020 (Martinez)
   Title: Understanding the Impact of the Affordable Care Act (ACA) Medicaid Expansion on Emergency Department Utilization for Primary Care Treatable Conditions
   PI: Peter Veazie, PhD
       University of Rochester
       Rochester, NY

80. Project # 13-09-1341 (Harrell-Nash)
    Title: Disparities in the Surgical Treatment of Cancer based on Race, Ethnicity, and Immigration Status
    PI: Philip Ituarte, PhD, MPH
        City of Hope
        Duarte, CA

81. Project # 13-02-1085 (Martinez)
    Title: The Connie Wofsy Women's Human Immunodeficiency Virus Study (HIVS) (Northern CA Women's Interagency HIVS)
    PI: Phyllis Tien, MD, MSc
        University of California, San Francisco
        San Francisco, CA

82. Project # 2019-293 (Martinez)
    Title: North American Wilms Tumor Study (NAWTS)
    PI: Rayjean Hung, PhD, MS
        Mount Sinai Hospital
        New York, NY
83. Project # 2017-040 (Martinez)
   Title: Trends in the Use of Percutaneous Intervention in Congenital Heart Disease for Pediatric Patients
   PI: Rie Sakai-Bizmark, MD, MPH, PhD
       The Lundquist Institute for Biomedical Innovation
       Torrance, CA

84. Project # 2018-020 (Dickey)
   Title: The University of California, San Diego (UCSD) Newborn Screening-Autism Risk Study
   PI: Robert Naviaux, MD, PhD
       University of California, San Diego
       San Diego, CA

85. Project # 12-12-0959 (Martinez)
   Title: Enhancement of Surveillance of Vaccine Preventable Diseases Using California Hospital Discharge and Death Data
   PI: Robert Schechter, MD
       California Department of Public Health
       Richmond, CA

86. Project # 16-11-2771 (Ruiz)
   Title: Patient Generated Health Data to Enhance Surveillance Epidemiology and End Results Data Collection California Cancer Registry, California Department of Public Health
   PI: Salma Shariff-Marco, PhD, MPH
       Cancer Prevention Institute of California
       San Francisco, CA

87. Project # 12-06-0406 (Lowe)
   Title: Linkage with the California Cancer Registry
   PI: Saro Armenian, DO, MPH
       City of Hope
       Duarte, CA
<table>
<thead>
<tr>
<th>Project #</th>
<th>Title: Cancer Registry for Understanding and Improving Survivorship Experiences (The CRUISE Study)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-267 (Schaeuble)</td>
<td>Scarlett L Gomez, PhD, University of California, San Francisco, CA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project #</th>
<th>Title: Perinatal Regionalization and Quality of Care</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-02-1084 (Harrell-Nash)</td>
<td>Scott A Lorch, MD, MSCE, University of Pennsylvania, Philadelphia PA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project #</th>
<th>Title: Brain Mechanisms of Visual Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-09-0707 (Martinez)</td>
<td>Scott Johnson, PhD, University of California, Los Angeles, CA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project #</th>
<th>Title: Medi-Cal 2020 Waiver Evaluation of Dental Transformation Initiative</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-031 (Schaeuble)</td>
<td>Sean Orzol, PhD, Mathematica Policy Research, Ann Arbor, MI</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Project #</th>
<th>Title: Supporting Women, Infant and Children (WIC) Mothers in Infant Feeding</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-044 (Ruiz)</td>
<td>Shannon Whaley, PhD, Public Health Foundation Enterprise (PHFE) WIC, Irwindale, CA</td>
</tr>
</tbody>
</table>
93. Project # 2019-292 (Molitor)
Title: Improving Cognition After Cancer
PI: Sheri Hartman, PhD
University of California, San Diego
San Diego, CA

94. Project # 12-10-0804 (Dickey)
Title: Using Infant Feces and Serum for Polymerase Chain Reaction and Assay
with Large Immunosorbent Surface Area Assay Development and
Validations and for Intestinal Microbiome and Clostridium Botulinum
Genomic Characterizations
PI: Stephen Arnon, MD, MPH
California Department of Public Health
Richmond, CA

95. Project # 15-11-2299 (Martinez)
Title: Insurance Coverage, Employment Status, and Copayments/Deductibles
Faced by Young Women Diagnosed with Breast Cancer
PI: Sujha Subramanian, PhD
Research Triangle Institute (RTI) International
Research Triangle Park, NC

96. Project # 14-10-1750 (Martinez)
Title: Kaiser Permanente Inter-Regional Behavioral Health Suicide Metric for
Quality Improvement Benchmarking
PI: Sumita Bhatia, MPH, MS
Kaiser Permanente
Oakland, CA

97. Project # 16-11-2793 (Harrell-Nash)
Title: Changes in Safety at High Desert State Prison: Official Data Analysis
PI: Susan Turner, PhD
University of California, Irvine
Irvine, CA
98. Project # 14-06-1626 (Harrell-Nash)
Title: Complications of Hematological and Oncologic Diseases in California
PI: Ted Wun, MD, FACP
University of California, Davis
Davis, CA

99. Project # 17-04-2939 (Martinez)
Title: Racial and Immigrant Generation Disparities in Birth Outcomes
PI: Theresa Andrasfay, MA
Princeton University
Princeton, New Jersey

100. Project # 2019-004 (Lowe)
Title: Determinants of Genetic Penetrance from the Study of Twins with Breast Cancer
PI: Thomas Mack, MD, MPH
University of Southern California
Los Angeles, CA

101. Project # 17-01-2843 (Martinez)
Title: Local Community Health Needs Assessment Data
PI: Warren Jensen, BA
Gary Bess Associates
Paradise, CA

102. Project # 15-11-2298 (Martinez)
Title: Opioid Use Disorders in Primary Care Settings: Linking Electronic Health Records with Prescription Drug Monitoring Program and National Death Index Data Systems
PI: Yih-Ing Hser, PhD
University of California, Los Angeles
Los Angeles, CA
J. Projects with Major Revisions Requiring Periodic Review

1. Project # 12-05-0246 (Martinez)
   Title: Investigation of the Relation of Fine Particulate Air Pollution and Temperature to Mortality in California
   PI: Annie Chen, PhD
   Office of Environment Health Hazard Assessment
   Sacramento, CA

2. Project # 14-10-1764 (Lowe)
   Title: Infrastructure Support and Pilot Tissue Collection for the Carotene and Retinol Efficacy Trial Biorepository formerly CARET Biorepository and Data Enhancement Project
   PI: Chu Chen, PhD
   Fred Hutchinson Cancer Research Center
   Seattle, WA

3. Project # 15-07-2133 (Martinez)
   Title: Performance of Spanish Speaking Psychiatric In-Patients on Cognitive and Effort Measures
   PI: Dominique Kinney, PhD
   California Department of State Hospitals
   Patton, CA

4. Project # 14-12-1802 (Ruiz)
   Title: Cancer Risk in Solid Organ Transplant Recipients: The Transplant Cancer Match Study
   PI: Eric Engels, MD
   National Cancer Institute
   Rockville, MD

5. Project # 17-04-2932 (Martinez)
   Title: Maternal and Infant Health Outcomes: Population-Based Research on Causes, Care, and Costs
   PI: Henry Lee
   Stanford University
   Stanford, CA
6. Project # 16-11-2798 (Harrell-Nash)
   Title: Assessing the Value of Aggressive Treatment of Low-Risk Prostate Cancer
   PI: Jean Mitchell, PhD
       Georgetown University Medical Center
       Washington, DC

7. Project # 12-06-0393 (Martinez)
   Title: Development of State-Wide Perinatal Quality Improvement Metrics with Office of Statewide Health Planning and Development Patient Discharge Data/Birth Certificate Linked Data
   PI: Jeffrey Gould, MD, MPH
       Stanford University
       Stanford, CA

8. Project # 15-05-2005 (Dickey)
   Title: Genetic Susceptibility to Pediatric Glioma in Individuals and Diverse Populations
   PI: Joseph Wiemels, PhD
       University of California, San Francisco
       San Francisco, CA

9. Project # 15-10-2273 (Dickey)
    Title: Genome-Wide Association Study of Pediatric Medulloblastoma Risk
    PI: Joseph Wiemels, PhD
        University of California, Berkeley
        San Francisco, CA

10. Project # 17-01-2847 (Ruiz)
    Title: Acupressure for Cancer-Related Fatigue
     PI: Judy Wang, PhD
         Georgetown University Medical Center
         Washington, DC
11. Project # 12-11-0935 (Martinez)
   Title: Foodborne Diseases Active Surveillance Network: Population Survey
   PI: Kareena Hundal, MPH
   California Emerging Infections Program
   Oakland, CA

12. Project # 12-09-0702 (Dinis)
   Title: Predicting Adverse Pregnancy Outcomes
   PI: Laura Jelliffe, PhD
   University of California, San Francisco
   San Francisco, CA

13. Project # 14-12-1829 (Ruiz)
   Title: Champions for Change Media Campaign Evaluation
   PI: Lauren Whetstone, PhD
   California Department of Public Health
   Sacramento, CA

14. Project # 14-12-1829 (Martinez)
   Title: Champions for Change Media Campaign Evaluation
   PI: Lauren Whetstone, PhD
   California Department of Public Health
   Sacramento, CA

15. Project # 12-07-0484 (Harrell-Nash)
   Title: The Study to Explore Early Development
   PI: Lisa Croen, PhD
   Kaiser Permanente
   Oakland, CA

16. Project # 12-04-0072 (Martinez)
   Title: Firefighter Occupational Exposures Project
   PI: Nerissa Wu, PhD
   California Department of Public Health
   Richmond, CA
17. Project # 15-03-1917 (Martinez)  
Title: Foam Replacement and Environmental Exposure Study  
PI: Nerissa Wu, PhD  
California Department of Public Health  
Richmond, CA

18. Project # 12-05-0177 (Harrell-Nash)  
Title: Kaiser Research Program on Genes, Environment and Health and Biomonitoring California Adult Cohort Project Biomonitoring Exposures Study  
PI: Nerissa Wu, PhD  
California Department of Public Health  
Richmond, CA

19. Project # 14-01-1483 (Martinez)  
Title: Biomonitoring California – Using Banked Specimens to Enhance Our Understanding of Chemical Exposure in California  
PI: Nerissa Wu, PhD  
California Department of Public Health  
Richmond, CA

20. Project # 17-06-3020 (Ruiz)  
Title: California Regional Exposure Study  
PI: Nerissa Wu, PhD  
California Department of Public Health  
Richmond, CA

21. Project # 12-05-0176 (Dickey)  
Title: California Health Interview Survey  
PI: Ninez Ponce, PhD  
University of California, Los Angeles  
Los Angeles, CA
22. Project # 12-10-0819 (Lowe)
   Title: Maternal and Infant Health Assessment
   PI: Paula Braveman, MD, MPH
       University of California, San Francisco
       San Francisco, CA

23. Project # 12-10-0788 (Lowe)
   Title: Use of Clofazimine for the Treatment of Multidrug-Resistant Tuberculosis in Patients with Limited Therapeutic Options
   PI: Pennan Barry, MD
       California Department of Public Health
       Richmond, CA

24. Project # 12-11-0911 (Ruiz)
   Title: Markers of Autism Risk in Babies – Learning Early Signs
   PI: Rebecca Schmidt, PhD
       University of California, Davis
       Davis, CA

25. Project # 12-11-0911 (Martinez)
   Title: Markers of Autism Risk in Babies – Learning Early Signs
   PI: Irva Hertz-Picciotto, PhD
       University of California, Davis
       Davis, CA

26. Project # 12-04-0073 (Molitor)
   Title: Factors Associated with the Closure of Emergency Services and Impact on Patient Outcomes: Effect of Employment on Emergency Department Utilization
   PI: Renee Hsia, MD, MSc
       University of California, San Francisco
       San Francisco, CA
27. Project # 12-04-0073 (Martinez)
   Title: Factors Associated with the Closure of Emergency Services and Impact on Patient Outcomes: Effect of Employment on Emergency Department Utilization
   PI: Renee Hsia, MD, MSc
       University of California, San Francisco
       San Francisco, CA

28. Project # 12-12-0959 (Martinez)
   Title: Enhancement of Surveillance of Vaccine Preventable Diseases Using California Hospital Discharge and Death Data
   PI: Robert Schechter, MD
       California Department of Public Health
       Richmond, CA

29. Project # 12-10-0804 (Dickey) (1 of 2)
   Title: Using Infant Feces and Serum for Polymerase Chain Reaction and Assay with Large Immunosorbent Surface Area Assay Development and Validations and for Intestinal Microbiome and Clostridium Botulinum Genomic Characterizations
   PI: Stephen Arnon, MD, MPH
       California Department of Public Health
       Richmond, CA

30. Project # 12-10-0804 (Dickey) (2 of 2)
   Title: Using Infant Feces and Serum for Polymerase Chain Reaction and Assay with Large Immunosorbent Surface Area Assay Development and Validations and for Intestinal Microbiome and Clostridium Botulinum Genomic Characterizations
   PI: Stephen Arnon, MD, MPH
       California Department of Public Health
       Richmond, CA

31. Project # 15-10-2249 (Palacio)
   Title: Sickle Cell Disease Longitudinal Data Collection
   PI: Susan Paulukonis, MA, MPH
       California Department of Public Health
       Sacramento, CA
32. Project # 12-10-0796 (Martinez)  
Title: Genetic Susceptibility to Hypospadias (National Institutes of Health Proposal is Entitled "Genes, Environmental Exposures and Hypospadias")  
PI: Suzan Carmichael, PhD  
Stanford University  
Stanford, CA

33. Project # 14-08-1689 (Harrell-Nash)  
Title: Disparities in Care, Morbidity and Survival Among Infants with Birth Defects  
PI: Suzan Carmichael, PhD  
Stanford University  
Stanford, CA

K. Projects with Request for CPHS to Rely on Another IRB

None.

L. Exemption/Determination Requests

1. Project # 2020-241 (Ruiz)  
Title: CalScope: Estimating Severe Acute Respiratory Syndrome Coronavirus 2 Seroprevalence in California  
PI: Amanda Kamali, MD  
California Department of Public Health  
Sacramento, CA

2. Project # 2020-250 (Ruiz)  
Title: Pilot Project for the Utility and Feasibility of Antigen Testing COVID-19 in Schools in CA  
PI: Carol Glaser, DVM, MPVM, MD  
Richmond, CA
3. Project #  2020-246 (Ruiz)  
Title: Emerging Infections Program Tracking of SARS-CoV-2 Infections and Assessing Vaccine Effectiveness among Healthcare Personnel  
PI: Joelle Nadle, MPH  
California Emerging Infections Program  
Oakland, CA

4. Project #  2020-233 (Ruiz)  
Title: The Effect of Digital Devices in Reducing Feelings of Loneliness and Isolation for Older Adults  
PI: Kate Wilber, PhD  
University of Southern California  
Los Angeles, CA

5. Project #  2020-249 (Ruiz)  
Title: Early Language Development  
PI: Katharine Graf Estes, PhD  
University of California, Davis  
Davis, CA

6. Project #  2020-226 (Ruiz)  
Title: Income Equity Analysis Using Death Certificate Data  
PI: Meredith Milet, MPH  
California Department of Public Health  
Richmond, CA

7. Project #  2020-240 (Ruiz)  
Title: Using Vital Records to Improve Data Completeness in California Immunization Registry  
PI: Michael Powell, MSc  
California Department of Public Health  
Sacramento, CA
8. Project # 2020-263 (Ruiz)
   Title: 2021 Manhattan Beach and Beverly Hills Tobacco Retailer Poll
   PI: Ralph Welwean, MPH
   California Department of Public Health
   Snellville, GA

9. Project # 2020-261 (Ruiz)
   Title: Adverse Childhood Events Aware program evaluation
   PI: Sohrab Sidhu, MD, MS, MPH
   California Department of Health Care Services
   Sacramento, CA

10. Project # 2021-003 (Ruiz)
    Title: Analysis of Redlining as a Geographic Risk Factor of Childhood Lead Poisoning for Assembly Bill 1316/Health and Safety Code 105285 and 124125
    PI: Stephanie Fisher, MPH
    California Department of Public Health
    Richmond, CA

11. Project # 2020-243 (Ruiz)
    Title: Public Health Outbreak Investigation Response of COVID-19 Transmission Among Southern California Ventilator-Equipped Skilled Nursing Facilities
    PI: Vikram Haridass, PhD
    California Department of Public Health
    Richmond, CA

M. Final Reports

1. Project # 12-07-0565 (None)
   Title: Disparity in the Quality of Breast Cancer Treatment and Effect on Outcomes-Los Angeles Subcontract
   PI: Ann Hamilton, PhD
   University of Southern California
   Los Angeles, CA
2. Project # 2018-278 (None)
   Title: Impact of Drought-Related Air Quality on Childhood and Adolescent Asthma in Imperial Valley, California
   PI: Aubrey Doede, MSN RN
       University of Virginia
       Charlottesville, VA

3. Project # 15-06-2061 (None)
   Title: Space-Time Analysis of the California Cancer Record Linkage Program: 30 Years of Childhood Cancer
   PI: Catherine Metayer, MD, PhD
       University of California, Berkeley
       Berkeley, CA

4. Project # 14-11-1769 (None)
   Title: Study of Cause-Specific Mortality and Cancer Incidence in a Combined Cohort of Uranium Enrichment Workers
   PI: Jeri Anderson, PhD
       National Institute of Occupational Safety and Health
       Cincinnati, OH

5. Project # 2017-096 (None)
   Title: The Impact of Enterprise Health Information Exchange on Organizational Performance and Local Health Care Markets
   PI: Joshua Vest, PhD, MPH
       Indiana University
       Indianapolis, IN

6. Project # 2018-227 (None)
   Title: Evaluation of the New Generation of Educators Initiative
   PI: Melissa White, MA, PhD
       WestED
       San Francisco, CA
7. Project # 2018-019 (None)
Title: The Old Globe Theatre's Reflecting Shakespeare Program Evaluation
PI: Patricia Saraniero, EdD
Moxier Research
San Diego, CA