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.
## AGENDA

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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></td>
<td>Chair Updates</td>
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<td>B</td>
<td>CHHS Data Application Standardization Project Update</td>
<td>Darci Delgado, PsyD Member</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></td>
<td>October 2020 and December 2020</td>
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<tr>
<td>E</td>
<td>Projects with Reported Adverse Events and/or Deviations</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td></td>
<td>Determine if action on projects is needed. See attachment for list of projects.</td>
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<tr>
<td>F</td>
<td>New Projects – Full Committee Review Required</td>
<td>All Members</td>
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<td></td>
<td>See attachment for list of projects.</td>
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<tr>
<td>G</td>
<td>Second Review Calendar</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<tr>
<td></td>
<td>Full committee review needed on previously tabled projects. None.</td>
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<tr>
<td>H</td>
<td>New Projects – Expedited Review Requested</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td></td>
<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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<tr>
<td>I</td>
<td>Projects Requiring Periodic Review Only (Including Greater than Minimal Risk)</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td></td>
<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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# CPHS Agenda

**February 5, 2021**

<table>
<thead>
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<th>Item</th>
<th>Subject</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>J</td>
<td><strong>Projects with Major Revisions Requiring Periodic Review</strong>&lt;br&gt;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>
<td>Juan Ruiz, MD, DrPH Chair</td>
</tr>
<tr>
<td>K</td>
<td><strong>Projects with Request for CPHS to Rely on Another IRB</strong>&lt;br&gt;None.</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
</tr>
<tr>
<td>L</td>
<td><strong>Exemption/Determination Requests</strong>&lt;br&gt;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>
<td>Juan Ruiz, MD, DrPH Chair</td>
</tr>
<tr>
<td>M</td>
<td><strong>Final Reports</strong>&lt;br&gt;Projects listed are submitted for closure and are recommended for approval by expedited review. See attachment for list of projects.</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
</tr>
<tr>
<td>N</td>
<td><strong>Public Comments</strong></td>
<td></td>
</tr>
<tr>
<td>O</td>
<td><strong>Next Meeting</strong>&lt;br&gt;The next CPHS meeting is scheduled for Friday, April 2, 2021.</td>
<td>Juan Ruiz, MD, DrPH Chair</td>
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<td>P</td>
<td><strong>Adjournment</strong></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](mailto: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 Hoshiko, 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 ConcEpetal 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 Placentaion?
    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
<table>
<thead>
<tr>
<th>Project #</th>
<th>Title</th>
<th>PI</th>
<th>Institution</th>
<th>City</th>
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<tr>
<td>2021-006</td>
<td>Evaluation of Center for Council's Mindfulness-Based Program for Inmates</td>
<td>Stacy Calhoun, PhD</td>
<td>University of California, Los Angeles</td>
<td>Los Angeles</td>
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<tr>
<td>2020-245</td>
<td>Clinical Care Gaps and Unmet Needs in Adolescent and Young Adult (AYA) Cancers</td>
<td>Theresa Keegan, PhD, MS</td>
<td>University of California, Davis</td>
<td>Sacramento</td>
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<tr>
<td>2020-235</td>
<td>Job Loss, COVID-19, and Mortality</td>
<td>Till von Wachter, PhD</td>
<td>University of California, Los Angeles</td>
<td>Los Angeles</td>
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<tr>
<td>2021-007</td>
<td>Competency to Stand Trial in Spanish-Speaking Defendants: An Examination of Content and Quality of Forensic Reports</td>
<td>Veronica Sanchez Varela, PhD</td>
<td>California Department of State Hospitals</td>
<td>Napa</td>
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<td>2021-015</td>
<td>Racial Equity in the Temporary Assistance for Needy Families (TANF) Service Delivery Path to Family Stability and Self-Sufficiency</td>
<td>Yu-Ling Chang</td>
<td>University of California, Berkeley</td>
<td>Berkeley</td>
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</table>
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
48. Project # 2018-004 (Harrell-Nash)
   Title: Evaluation of the Fathers Advancing Communities Together (FACT) Program
   PI: Lindsey Cramer, BA
        Urban Institute
        Washington, DC

49. Project # 2019-298 (Martinez)
   Title: Healthcare Utilization Patterns of Patients with Temporary Medicaid Coverage Under the Hospital Presumptive Eligibility Program
   PI: Lisa Knowlton, MD
        Stanford University
        Stanford, CA

50. Project # 15-10-2260 (Martinez)
   Title: Collection of Confirmed Duchenne Muscular Dystrophy Positive and Presumptive Negative Newborn Screening Dried Blood Spot Specimens (ES01-15002)
   PI: Lisa Vershave
        Perkin Elmer
        Indianapolis, IN

51. Project # 2018-214 (Martinez)
   Title: Collection of Confirmed Classic Galactosemia (Galactose-1-Phosphate Uridyltransferase Deficient) Positive Newborn Screening Specimens
   PI: Lisa Vershave
        Perkin Elmer
        Indianapolis, IN

52. Project # 15-09-2245 (Harrell-Nash)
   Title: Making the Most of Women, Infants and Children (WIC) Foods: A Pilot Study to Examine Purchasing Decisions of WIC Participants
   PI: Loan Kim, PhD, RD
        Pepperdine University
        Irvine, CA
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>
<th>Institution</th>
<th>Location</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</td>
<td>California Department of Public Health</td>
<td>Sacramento, CA</td>
</tr>
<tr>
<td>12-06-0357 (Martinez)</td>
<td>Ascertainment of Environmental Exposure During Pregnancy</td>
<td>Martin Kharrazi, PhD</td>
<td>California Department of Public Health</td>
<td>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</td>
<td>California Department of Justice</td>
<td>Sacramento, CA</td>
</tr>
<tr>
<td>2019-166 (Harrell-Nash)</td>
<td>Names and Economic Mobility</td>
<td>Matthew Spitzer, JD, PhD</td>
<td>Northwestern University</td>
<td>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</td>
<td>Stanford University</td>
<td>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
<table>
<thead>
<tr>
<th>Project #</th>
<th>Title</th>
<th>PI</th>
<th>Institution</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-08-0591 (Martinez)</td>
<td>Does Tobacco Exposure Delay Conception?</td>
<td>Michelle Pearl, PhD</td>
<td>California Department of Public Health</td>
<td>Richmond, CA</td>
</tr>
<tr>
<td>12-08-0589 (Martinez)</td>
<td>Phytoestrogens and Time to Pregnancy</td>
<td>Michelle Pearl, PhD</td>
<td>California Air Resources Board</td>
<td>Richmond, CA</td>
</tr>
<tr>
<td>2019-047 (Dickey)</td>
<td>Establishment of Group B Streptococcal Immunologic Endpoints</td>
<td>Mirasol Apostol, MPH</td>
<td>California Emerging Infections Program</td>
<td>Oakland, CA</td>
</tr>
<tr>
<td>2020-002 (Martinez)</td>
<td>The Role of Neighborhood and Facility-Level Factors in Pediatric Emergency Care</td>
<td>Morgan Swanson</td>
<td>University of Iowa</td>
<td>Iowa City, IA</td>
</tr>
<tr>
<td>2020-007 (Martinez)</td>
<td>A Multi-State Evaluation of Emergency Department Pediatric Readiness: Guideline Uptake and Association with Quality, Outcomes, and Cost</td>
<td>N. Clay Mann, PhD, MS, MBA</td>
<td>University of Utah</td>
<td>Salt Lake City, UT</td>
</tr>
</tbody>
</table>
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
88. Project # 2019-267 (Schaeuble)
Title: Cancer Registry for Understanding and Improving Survivorship Experiences (The CRUISE Study)
PI: Scarlett L Gomez, PhD
University of California, San Francisco
San Francisco, CA

89. Project # 13-02-1084 (Harrell-Nash)
Title: Perinatal Regionalization and Quality of Care
PI: Scott A Lorch, MD, MSCE
University of Pennsylvania
Philadelphia PA

90. Project # 12-09-0707 (Martinez)
Title: Brain Mechanisms of Visual Development
PI: Scott Johnson, PhD
University of California, Los Angeles
Los Angeles, CA

91. Project # 2019-031 (Schaeuble)
Title: Medi-Cal 2020 Waiver Evaluation of Dental Transformation Initiative
PI: Sean Orzol, PhD
Mathematica Policy Research
Ann Arbor, MI

92. Project # 2019-044 (Ruiz)
Title: Supporting Women, Infant and Children (WIC) Mothers in Infant Feeding
PI: Shannon Whaley, PhD
Public Health Foundation Enterprise (PHFE) WIC
Irwindale, CA
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)
   Kaiser Research Program on Genes, Environment and Health and
   Title: 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)
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)
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)
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)
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)
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