

# OSHPD Office of Statewide Health Planning and Development

## Committee for the Protection of Human Subjects

2020 West El Camino Avenue, Suite 1000

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

### Members

**Juan Ruiz, MD, DrPH, Chair**  
**Larry Dickey, MD, MPH, Vice Chair**

Alicia Bazzano, MD, PhD  
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

### Location:

2020 West El Camino Avenue  
Cal Mortgage Board Room 1235  
Sacramento, CA 95833

### Phone:

US Toll-Free Number: (888) 636-3807  
Access Code: 963949

### Date:

Friday, February 1, 2019  
8:30 a.m.–4:00 p.m.

### OSHPD

**Robert P. David, Director**

### AGENDA

Item	Subject	Presenter
<b>A</b>	<b>Welcome</b> 1. Introductions 2. Chair Updates	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>B</b>	<b>CHHS Office of Innovation Report</b> – Status update regarding CHHS data application standardization project	<b>Darci Delgado, Member</b>
<b>C</b>	<b>CPHS Policies and Procedures</b> 1. Re-visit December 7, 2018 Revision of CPHS policy on Annual Continuing Reviews; updated proposal to be presented – <b>Action</b> 2. CPHS Policy on activities that are “Not Research”: public health surveillance – <b>Discussion</b>	<b>John Schaeuble, Member</b>  <b>Laura Lund, Member</b>
<b>D</b>	<b>Review and approval of Meeting Minutes</b> 1. February 2, 2018 – <b>Action</b> 2. February 23, 2018 – <b>Action</b> 3. December 7, 2018 – <b>Action</b>	<b>Lucila Martinez, Administrator</b>

Item	Subject	Presenter
<b>E</b>	<b>Projects with Reported Adverse Events and/or Deviations</b> Determine if action on projects is needed. See attachment for list of projects. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>F</b>	<b>New Projects – Full Committee Review Required</b> See attachment for list of projects. – <b>Action</b>	<b>All Members</b>
<b>G</b>	<b>Second Review Calendar</b> Full committee review needed on previously tabled projects. See attachment for list of projects. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>H</b>	<b>New Projects – Expedited Review Requested</b> 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. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>I</b>	<b>Projects Requiring Periodic Review Only (Including Greater than Minimal Risk)</b> 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. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>J</b>	<b>Projects with Major Revisions Requiring Periodic Review</b> 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. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>K</b>	<b>Projects with Request for CPHS to Rely on Another IRB</b> See attachment for list of projects. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>L</b>	<b>Exemption/Determination Requests</b> 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. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>

Item	Subject	Presenter
<b>M</b>	<b>Final Reports</b> Projects listed are submitted for closure and are recommended for approval by expedited review. See attachment for list of projects. – <b>Action</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>N</b>	<b>Public Comments</b>	
<b>O</b>	<b>Next Meeting</b> The next CPHS meeting is scheduled for Friday, April 5, 2019, at 2020 West El Camino Avenue, Sacramento, CA 95833.	<b>Juan Ruiz, MD, DrPH, Chair</b>
<b>P</b>	<b>Adjournment</b>	<b>Juan Ruiz, MD, DrPH, Chair</b>

**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.**

Pursuant to the Americans with Disabilities Act, the meeting is accessible to people with mobility impairments. If you need a reasonable accommodation request to attend or participate in this event, 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. CPHS encourages public attendance and participation at its meetings. If you have any questions or comments, you may contact the CPHS Administrator at (916) 326-3660 or by email: [cphs-mail@oshpd.ca.gov](mailto:cphs-mail@oshpd.ca.gov).

#### **E. Projects with Reported Adverse Events and/or Deviations**

1. Project # 16-12-2801 (Schaeuble) – 10 Reports  
Title: California Child Care Snapshot  
PI: Carlise King, MA  
Co-PI: Weilin Li, PhD  
Child Trends  
Bethesda, MD
  
2. Project # 13-10-1398 (Ruiz) – 2 Reports  
Title: Birth Defects Study to Evaluate Pregnancy Exposures – California Component  
PI: Gary Shaw, DrPH  
Co-PI: Suzan Carmichael, PhD  
Stanford University  
Stanford, CA

#### **F. New Projects – Full Committee Review Required**

1. Project # 2019-047 (Molitor)  
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
  
2. Project # 2019-044 (Lund)  
Title: Supporting Women, Infants, and Children Mothers in Infant Feeding  
PI: Shannon Whaley, PhD  
Public Health Foundation Enterprise Women, Infants, and Children  
Irwindale, CA
  
3. Project # 2019-032 (Lowe)  
Title: Southern California Child Development Survey (SoCal CDS)  
PI: Grace Baranek, PhD  
University of Southern California  
Los Angeles, CA

4. Project # 2019-005 (Dinis)  
 Title: REACT Study: A Feasibility Study to Develop and Test the Integration of the Cancer Registry Early Case Ascertainment (REACT) Process Via E-Path with an Online Clinical Trial Matching Tool  
 PI: Scarlett L Gomez, PhD  
 Cancer Prevention Institute of California  
 Fremont, CA
5. Project # 2019-004 (Dickey)  
 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
6. Project # 2019-002 (TBD)  
 Title: Promoting Take-Up of the Earned Income Tax Credit: California Department of Social Services Outreach  
 PI: Jesse Rothstein, PhD  
 University of California, Berkeley  
 Berkeley, CA
7. Project # 2019-012 (TBD)  
 Title: Promoting Take-Up of Earned Income Tax Credit  
 PI: Jesse Rothstein, PhD  
 University of California, Berkeley  
 Berkeley, CA
8. Project # 2019-001 (Palacio)  
 Title: Collection of Light-Duty Activity Data  
 PI: Chris Ruehl, BS, MS, PhD  
 California Air Resources Board  
 Sacramento, CA
9. Project # 2019-022 (Bazzano)  
 Title: A Pilot-Feasibility of a Home-Based Intervention to Reduce Obesity Risk for Bottle-Fed Infants  
 PI: Alison Ventura, PhD, CLEC  
 California Polytechnic State University  
 San Luis Obispo, CA

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

#### **G. Second Review Calendar**

1. Project # 13-02-1114 (Ruiz)  
Title: Mother and Infant Home Visiting Program Evaluation (MIHOPE)  
PI: Virginia Knox, PhD  
Manpower Demonstration Research Corporation  
New York, NY  
Co-PI: Charles Michalopoulos, PhD  
Manpower Demonstration Research Corporation  
Oakland, CA

2. Project # 2018-261 (Delgado)  
Title: Child Support Debt Relief Pilot  
PI: Heather Hahn, PhD  
Urban Institute  
Washington, D.C.

#### **H. New Projects – Expedited Review Requested**

1. Project # 2018-153 (Palacio)  
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  
University of Southern California  
Los Angeles, CA  
Co-PI: Christopher Haiman, ScD  
University of Southern California  
Los Angeles, CA  
Rosemary Cress, DrPH  
Cancer Registry of Greater California  
Sacramento, CA  
Scarlett L Gomez, PhD  
Cancer Prevention Institute of California  
Fremont, CA

2. Project # 2018-278 (Bazzano)  
 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 # 2018-275 (Martinez)  
 Title: Networks and Competition in Health Care Markets  
 PI: Carolyn McNamara, PhD Economics  
 University of Wisconsin – Madison  
 Madison, WI
  
4. Project # 2017-058 (Schaeuble)  
 Title: Longitudinal Outcomes Study on the Effect of Perinatal Care on the Development of Pediatric Chronic Disease  
 PI: Cassandra Kelleher, MD  
 Massachusetts General Hospital  
 Boston, MA  
 Co-PI: Maggie Westfal, MD MPH  
 Partners Healthcare  
 Boston, MA
  
5. Project # 2019-025 (Delgado)  
 Title: San Diego Study of Outcomes in Mother and Infants (SOMI)  
 PI: Christina Chambers, PhD, MPH  
 University of California, San Diego  
 La Jolla, CA  
 Co-PI: Gretchen Bandoli, PhD MPH MBA  
 University of California, San Diego  
 La Jolla, CA  
 Laura Jelliffe, PhD  
 University of California, San Francisco  
 San Francisco, CA
  
6. Project # 2019-026 (Bazzano)  
 Title: Predictors of Preterm Birth and Low Birth Weight among Women in Los Angeles County: An Analysis of the Los Angeles Mommy and Baby Project  
 PI: Dena Herman, PhD, MPH, RD  
 Co-PI: Miranda Westfall, MPH, RD  
 University of California, Los Angeles  
 Los Angeles, CA

7. Project # 2019-007 (Palacio)  
 Title: Why She Did Not Just Leave: The Effect of Nuisance Property Ordinances on Domestic Violence  
 PI: Gauri Shastry, PhD  
 Co-PI: Emily Moss  
 Wellesley College  
 Norfolk County, MA
8. Project # 2019-023 (Lund)  
 Title: Hospital Investment in Urgent Care: Impacts on Emergent, Outpatient, and Ambulatory Surgery Volumes  
 PI: Hillary Linhart, BBA, MBA  
 Virginia Commonwealth University Health  
 Richmond, VA
9. Project # 2019-021 (Ruiz)  
 Title: Five-Year Impact of a Commercial Accountable Care Organization on Health Care Spending, Utilization and Quality of Care  
 PI: Hui Zhang, PhD  
 California Public Employees Retirement System (CalPERS)  
 Sacramento, CA
10. Project # 2018-110 (Schaeuble)  
 Title: Preconception Health and Birth Outcomes: A National Longitudinal Study of Adolescent to Adult Health (Add Health)  
 PI: Jon Hussey, PhD, MPH  
 University of North Carolina  
 Chapel Hill, NC  
 Co-PI: Jennifer Buher Kane, PhD  
 University of California, Irvine  
 Irvine, CA
11. Project # 2018-225 (Lund)  
 Title: PA17-0785: Fertility and Obstetrical Outcomes Among Young Women with Cancer  
 PI: Jose Alejandro Rauh-Hain, MD, MPH  
 M. D. Anderson Cancer Center  
 Houston, TX



12. Project # 2019-006 (Lowe)  
Title: The Effect of Air Pollution from Ports in California on Human Health  
PI: Kenneth Gillingham, PhD  
Co-PI: Pei Huang, PhD  
Yale University  
New Haven, CT
13. Project # 2019-024 (Lund)  
Title: Examination of Social, Geographic, and Policy Determinants of Preterm Birth in California  
PI: Laura Jelliffe, PhD  
Co-PI: Deborah Karasek, PhD, MPH  
University of California, San Francisco  
San Francisco, CA
14. Project # 2019-028 (Dinis)  
Title: Evaluation of the Supportive Services Demonstration  
PI: Leah Lozier, PhD  
United States Department of Housing and Urban Development  
Co-PI: Sara Galantowicz, MPH  
Abt Associates  
Boston, MA
15. Project # 2019-027 (Lund)  
Title: Extreme Heat Events and Pregnancy Outcomes  
PI: Lyndsey Darrow  
University of Nevada, Reno  
Reno, NV
16. Project # 2018-272 (Lowe)  
Title: San Diego Homelessness Program Evaluation Project  
PI: Mark Duggan, PhD  
Stanford University  
Stanford, CA
17. Project # 2019-029 (Ruiz)  
Title: Evaluation of the Health Homes Program (HHP)  
PI: Nadereh Pourat, PhD  
University of California, Los Angeles  
Los Angeles, CA

18. Project # 2018-264 (Dinis)  
 Title: Implementing the Next Generation Science Standards: Science Course Offering, Access, and Completion  
 PI: Niu Gao, PhD  
 Co-PI: Hans Johnson, PhD  
 Public Policy Institute of California  
 Sacramento, CA
19. Project # 2018-274 (Lowe)  
 Title: Mapping University of California-Trained Educators Across California  
 PI: Pamela Brown, MPP  
 University of California, Office of the President  
 Oakland, CA
20. Project # 2019-020 (Palacio)  
 Title: Understanding the Impact of the ACA Medicaid Expansion on Emergency Department Utilization for Primary Care Treatable Conditions  
 PI: Peter Veazie, PhD  
 Co-PI: Alina Denham, MS  
 University of Rochester Medical Center  
 Rochester, NY
21. Project # 2019-015 (Lowe)  
 Title: Effect of Behavioral Health Treatment Access and Public Policies Targeting Behavioral Health on the Use of Emergency Department and Inpatient Medical Care  
 PI: Thanh Lu, PhD  
 Temple University  
 Philadelphia, PA
22. Project # 2018-065 (Trent)  
 Title: Time-Trends in Fetal Death and Neonatal Mortality in California  
 PI: Tim Bruckner, PhD  
 University of California, Irvine  
 Irvine, CA
23. Project # 2019-051 (Ruiz)  
 Title: Baseline Assessment of Cancer Health Disparities in Underserved Populations in California  
 PI: Robert Bristow, MD, MBA  
 Co-PI: Kiran Clair, MD  
 University of California, Irvine  
 Irvine, CA

24. Project # 2019-045 (Ruiz)  
Title: The Heterogeneity of the Tumor Microenvironment and its Impact on Multiple Myeloma Survival  
*Official Title: Administrative Supplements to Existing National Institutes of Health Grants and Cooperative Agreements (Parent Admin Supp – Clinical Trial Optional)*  
PI: Wendy Cozen, DO, MPH  
University of Southern California  
Los Angeles, CA

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

1. Project # 13-04-1191 (Ruiz)  
Title: Obstetric Management and Outcomes in California 2005–2012  
PI: Aaron Caughey, MD, PhD  
Co-PI: Blair Darney, PhD, MPH  
Oregon Health and Science University  
Portland, OR
  
2. Project # 2018-006 (Ruiz)  
Title: Prenatal Tobacco Smoke Exposure and Somatic Alterations in Childhood ALL  
PI: Adam de Smith, PhD  
University of Southern California  
Los Angeles, CA  
Co-PI: Catherine Metayer, MD, PhD  
University of California, Berkeley  
Berkeley, CA  
Joseph Wiemels, PhD  
University of San Francisco  
San Francisco, CA
  
3. Project # 15-10-2248 (Lowe)  
Title: Assessing the Incidence of Osteosarcoma Among Teriparatide Users Using Medicare Part D and State Cancer Registry Data  
PI: Alicia Gilsenan, PhD  
Co-PI: Elizabeth Andrews, PhD, MPH  
Research Triangle International  
Research Triangle Park, NC

4. Project # 2018-033 (Dickey)  
Title: Late Effects in Multiethnic Population-Based Cohort of Childhood Cancer Survivors  
PI: Amie Hwang, PhD  
Co-PI: Dennis Deapen, DrPH  
University of Southern California  
Los Angeles, CA
  
5. Project # 16-12-2811 (Schaeuble)  
Title: Environmental and Socioeconomic Factors Associated with West Nile Virus in the Northern San Joaquin Valley  
PI: Andrea Joyce, PhD  
University of California, Merced  
Merced, CA
  
6. Project # 12-07-0565 (Dickey)  
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
  
7. Project # 12-06-0426 (Dickey)  
Title: Comparative Effectiveness of Treatments for Localized Prostate Cancer (CEASAR Study) – Los Angeles Subcontract  
PI: Ann Hamilton, PhD  
University of Southern California  
Los Angeles, CA
  
8. Project # 16-10-2765 (Dickey)  
Title: Surveillance, Epidemiology, and End Results (SEER) Registry Feasibility Study  
PI: Ann Hamilton, PhD  
University of Southern California  
Los Angeles, CA
  
9. Project # 17-04-2950 (Dickey)  
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

10. Project # 12-10-0873 (Dinis)  
Title: Learning to Listen Ahead in English and Spanish  
PI: Anne Fernald, PhD  
Stanford University  
Stanford, CA
  
11. Project # 12-12-1013 (Schaeuble)  
Title: Applied Statistics for Pattern and Fraud Detection in Health Care Data  
PI: Artur Dubrawski, PhD  
Carnegie Mellon University  
Pittsburgh, PA
  
12. Project # 12-11-0893 (Dickey)  
Title: Pilot Study of Trends and Risks in Gestational Diabetes  
PI: Assiamira Ferrara, MD, PhD  
Kaiser Permanente  
Oakland, CA
  
13. Project # 16-09-2718 (Delgado)  
Title: Grandparental Exposures and Risk of Autism in the Third Generation  
PI: Barbara Cohn, PhD  
Co-PI: Gayle Windham, PhD  
University of California, Berkeley  
Berkeley, CA
  
14. Project # 2017-085 (Delgado)  
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, Netherlands
  
15. Project # 16-12-2801 (Schaeuble)  
Title: California Child Care Snapshot  
PI: Carlise King, MA  
Co-PI: Weilin Li, PhD  
Child Trends  
Bethesda, MD

16. Project # 12-12-0953 (Schaeuble)  
Title: Parkinson's Registry Investigation of Diagnosis and Etiology (PRIDE) Study  
PI: Caroline Tanner, MD, PhD  
Co-PI: Samuel Goldman, MD, MPH  
University of California, San Francisco  
San Francisco, CA
  
17. Project # 15-01-1853 (Ruiz)  
Title: Evaluation of Cal MediConnect  
PI: Carrie Graham, PhD  
Co-PI: H. Stephen Kaye, PhD  
University of California, Santa Barbara  
Santa Barbara, CA
  
18. Project # 2018-005 (Dickey)  
Title: Support for Infrastructure of Childhood Leukemia Environmental Research  
PI: Catherine Metayer, MD, PhD  
Co-PI: Todd Whitehead, PhD  
University of California, Berkeley  
Berkeley, CA
  
19. Project # 13-01-1048 (Schaeuble)  
Title: Research in Language and Cognitive Development  
PI: Catherine Sandhofer, PhD  
University of California, Los Angeles  
Los Angeles, CA
  
20. Project # 13-12-1428 (Ruiz)  
Title: Chronic Disease in California, 2007–2016  
PI: Catrina Taylor, PhD  
Co-PI: Brendan Darsie, MPH  
California Department of Public Health  
Sacramento, CA

21. Project # 14-04-1565 (Delgado)  
Title: Mother and Infant Home Visiting Program Evaluation – Strong Start (MIHOPE – Strong Start)  
PI: Charles Michalopoulos, PhD  
Manpower Demonstration Research Corporation  
Oakland, CA  
Co-PI: Virginia Knox, PhD  
Manpower Demonstration Research Corporation  
New York, NY
22. Project # 12-11-0910 (Dinis)  
Title: Comparative Effectiveness of Integration of Care Programs at Improving Metabolic Screening and Treatment of People with Severe Mental Illness  
PI: Christina Mangurian, MD  
University of California, San Francisco  
San Francisco, CA
23. Project # 14-05-1581 (Molitor)  
Title: Quality of Care for Patients with Kidney and Ureteral Stones in California  
PI: Christopher Elliott, MD, PhD  
Stanford University  
Stanford, CA
24. Project # 16-01-2380 (Dickey)  
Title: Environmental Conditions, Infectious Disease and Public Health  
PI: Corey White  
California Polytechnic State University  
San Luis Obispo, CA  
Co-PI: Olivier Deschenes, PhD  
University of California, Santa Barbara  
Santa Barbara, CA
25. Project # 12-11-0905 (Ruiz)  
Title: Surveillance of Air Pollution and Related Cardiopulmonary Morbidity in California, 2000–2020  
PI: Cynthia Garcia, BA  
Co-PI: Hye-Youn Park, PhD in Epidemiology  
Air Resources Board  
Sacramento, CA

26. Project # 2018-047 (Dickey)  
 Title: Evaluation of the Hub and Spoke: Statewide Medication Assisted Treatment Expansion Program  
 PI: Darren Urada, PhD  
 University of California, Los Angeles  
 Los Angeles, CA
27. Project # 12-12-0969 (Dinis)  
 Title: Psychometric Evaluation of Assessment Measures Used in the Substance Abuse and Mental Illness (SAMI) Program at Patton State Hospital  
 PI: David Glassmire, PhD  
 California Department of State Hospitals  
 Patton, CA
28. Project # 12-07-0512 (Schaeuble)  
 Title: Validation of Embedded Malingering Indices in the Wechsler Adult Intelligence Scale-Fourth Edition (WAIS-IV) in a Forensic Psychiatric Inpatient Population  
 PI: David Glassmire, PhD  
 California Department of State Hospitals  
 Patton, CA
29. Project # 12-12-0986 (Lowe)  
 Title: The Utility of the Structured Interview of Reported Symptoms (SIRS) and Miller-Forensic Assessment of Symptoms Test (MFAST) in a Forensic Inpatient Setting  
 PI: David Glassmire, PhD  
 California Department of State Hospitals  
 Patton, CA
30. Project # 12-07-0506 (Lund)  
 Title: The Impact of Physician Supply, Socioeconomic Status, and Insurance on Preventable Hospitalizations and Emergency Department Visits  
 PI: David Zingmond, MD, PhD  
 Co-PI: Roberto Vargas, MD  
 University of California, Los Angeles  
 Los Angeles, CA
31. Project # 14-11-1779 (Lowe)  
 Title: Effect of Hospital Workload on Hospital Treatment and Outcome  
 PI: Deepa Wani, PhD  
 University of Texas at San Antonio  
 San Antonio, CA



32. Project # 2018-007 (Schaeuble)  
Title: Investigating the Role of Age Groups During Pertussis Outbreaks in California  
PI: Edward Goldstein, PhD  
Harvard University  
Boston, MA
33. Project # 2018-080 (Ruiz)  
Title: California Health and Human Services Record Reconciliation  
PI: Emily Putnam-Hornstein, PhD  
University of Southern California  
Los Angeles, CA
34. Project # 2017-084 (Ruiz)  
Title: Examining Choking Risks Within State Hospital Patients  
PI: Erin Dengate  
California Department of State Hospitals  
Atascadero, CA
35. Project # 12-12-0950 (Schaeuble)  
Title: Lessons in Epidemiology and Genetics of Adult Cancer from Youth (LEGACY): A Cohort of Youth in Families from the Breast Cancer Family Registry  
PI: Esther John, PhD  
Cancer Prevention Institute of California  
Fremont, CA
36. Project # 16-04-2493 (Lund)  
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  
Atlanta, GA
37. Project # 13-10-1398 (Ruiz)  
Title: Birth Defects Study to Evaluate Pregnancy Exposures – California Component  
PI: Gary Shaw, DrPH  
Co-PI: Suzan Carmichael, PhD  
Stanford University  
Stanford, CA

38. Project # 12-11-0906 (Lund)  
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  
Co-PI: Paul Wise, MD, MPH  
Stanford University  
Stanford, CA
39. Project # 12-11-0924 (Dickey)  
Title: Candidate Genes and Congenital Malformations of Neural Crest Cell Origin  
PI: Gary Shaw, DrPH  
Co-PI: Suzan Carmichael, PhD  
Stanford University  
Stanford, CA
40. Project # 12-05-0219 (Lowe)  
Title: Multigenerational Familial and Environmental Risk for Autism (MINERvA) Network – California Population  
PI: Gayle Windham, PhD  
Co-PI: Martin Kharrazi, PhD  
California Department of Public Health  
Richmond, CA
41. Project # 2018-046 (Ruiz)  
Title: Hospital Markets in California  
PI: Glenn Melnick, PhD  
Research And Development Corporation  
Los Angeles, CA
42. Project # 12-11-0896 (Dinis)  
Title: Air Pollution and Autism in Southern California  
PI: Heather Volk, PhD  
Johns Hopkins University  
Baltimore, MD  
Co-PI: Rob McConnell, MD  
University of Southern California  
Los Angeles, CA

43. Project # 16-11-2778 (Ruiz)  
Title: Transition of Care for Patients with Complex Congenital Urological Conditions  
PI: Hillary Copp, MD  
University of California, San Francisco  
San Francisco, CA
44. Project # 12-11-0911 (Bazzano)  
Title: Markers of Autism Risk in Babies – Learning Early Signs (MARBLES)  
PI: Irva Hertz-Picciotto, PhD  
University of California, Davis  
Davis, CA
45. Project # 12-11-0900 (Dickey)  
Title: Childhood Autism Risks from Genetics and the Environment (the CHARGE Study)  
PI: Irva Hertz-Picciotto, PhD  
University of California, Davis  
Davis, CA
46. Project # 13-02-1083 (Lowe)  
Title: California Physicians' Use of Health Information Technology  
PI: Janet Coffman, PhD  
University of California, San Francisco  
San Francisco, CA
47. Project # 2018-093 (Palacio)  
Title: Comparative Analysis of Police Force Effects on Birth Outcomes in the United States  
PI: Javier Rodriguez, PhD  
Co-PI: Carlos Alberto Echeverria-Estrada, Master's in Public Policy  
Claremont Graduate University  
Claremont, CA
48. Project # 16-11-2798 (Ruiz)  
Title: Assessing the Value of Aggressive Treatment of Low-Risk Prostate Cancer  
PI: Jean Mitchell, PhD  
Georgetown University  
Washington, D.C.

49. Project # 16-12-2813 (Ruiz)  
Title: Population-Based Assessment of Treatment Patterns and Outcomes among Women with Newly Diagnosed Ductal Carcinoma in Situ  
PI: Jean Mitchell, PhD  
Co-PI: Arnold Potosky, PhD  
Georgetown University  
Washington, D.C.
50. Project # 2018-010 (Palacio)  
Title: Pursuing Health Equity through Restorative Practices in K–12 Schools  
PI: Jelena Todic, MSW, PhD Candidate  
University of Texas  
Austin, TX
51. Project # 2018-034 (Ruiz)  
Title: Reducing Isolation through Support and Empowerment (RISE)  
PI: Marci Eads, PhD  
Health Management Associates  
Sacramento, CA  
Co-PI: Rafael Colonna, PhD  
California Department of Public Health  
Sacramento, CA
52. Project # 14-12-1810 (Lowe)  
Title: Toddlers in Play Study  
PI: Jessica Grady, PhD  
University of the Pacific  
Stockton, CA
53. Project # 2018-004 (Palacio)  
Title: Evaluation of the Fathers Advancing Communities Together (FACT) Program  
PI: Jocelyn Fontaine, PhD  
Urban Institute  
Washington, D.C.
54. Project # 2018-042 (Delgado)  
Title: The Reliability of Experts' Risk Assessments and Factors Related to Expert Decisions for Referral in Women, Infants, and Children 6600 Evaluations  
PI: Joseph Lockhart, PhD  
Co-PI: James Rokop, PhD  
California Department of State Hospitals  
Sacramento, CA

55. Project # 2017-143 (Ruiz)  
Title: The Impact of Enterprise Health Information Exchange on Organizational Performance and Local Health Care Markets  
PI: Joshua Vest, PhD, MPH  
Indiana University  
Bloomington, IN
56. Project # 2018-012 (Lund)  
Title: Immune Infiltrates in Breast Tumor Microenvironment, Health Disparity and Triple Negative Breast Cancer Survival in a Multi-Ethnic Population  
PI: Jun Wang, PhD  
University of Southern California  
Los Angeles, CA
57. Project # 12-10-0868 (Ruiz)  
Title: Survey of Body Burdens in California Communities  
PI: June-Soo Park, PhD  
Co-PI: Kim Hooper, PhD  
Department of Toxic Substance Control  
Oakland, CA
58. Project # 12-12-0997 (Molitor)  
Title: FoodNet Study of Escherichia Coli O157:H7 Infection: Antibiotic Exposure and the Risk of Hemolytic Uremic Syndrome  
PI: Katie Wymore, MPH  
California Emerging Infections Program  
Oakland, CA
59. Project # 17-01-2849 (Ruiz)  
Title: Congregate Care Reform Analysis  
PI: Kevin O'Connell, MA  
Chief Probation Officers of California  
Sacramento, CA
60. Project # 2018-031 (Palacio)  
Title: Program Evaluation of Human Immunodeficiency Virus Screening and Linkage to Care in California Correctional Health Care Services  
PI: Kimberley Lucas, MPH  
California Department of Corrections and Rehabilitation  
Sacramento, CA

61. Project # 12-09-0702 (Dinis)  
Title: Predicting Adverse Pregnancy Outcomes  
PI: Laura Jelliffe, PhD  
University of California, San Francisco  
San Francisco, CA  
Co-PI: Kelli Ryckman,  
University of Iowa College of Public Health  
Iowa City, IA
62. Project # 14-12-1829 (Ruiz)  
Title: Champions for Change Media Campaign Evaluation  
PI: Lauren Whetstone, PhD  
California Department of Public Health  
Sacramento, CA
63. Project # 12-12-0956 (Dickey)  
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
64. Project # 12-11-0941 (Ruiz)  
Title: Development of the Brain Basis of Cognitive and Social Behavior in Human Infants  
PI: Leslie Carver, PhD  
University of California, San Diego  
La Jolla, CA
65. Project # 15-12-2350 (Palacio)  
Title: Outcomes of Nurse Practice Environments  
PI: Linda Aiken, RN, PhD  
University of Pennsylvania  
Philadelphia, PA
66. Project # 12-12-0958 (Palacio)  
Title: A Diverse Autism Registry for Effectiveness Studies  
PI: Lisa Croen, PhD  
Kaiser Permanente  
Oakland, CA

67. Project # 15-09-2245 (Dickey)  
Title: Making the Most of Women, Infants, and Children Foods: A Pilot Study to Examine Purchasing Decisions of Women, Infants, and Children Participants  
PI: Loan Kim, PhD, RD  
Pepperdine University  
Malibu, CA  
Co-PI: Shannon Whaley, PhD  
Public Health Foundation Enterprise Women, Infants, and Children  
Irwindale, CA
68. Project # 13-12-1462 (Dickey)  
Title: Racial/Ethnic and Gender Differences in Early Stage Non-Small Cell Lung Cancer  
PI: Lori Sakoda, MPH, PhD  
Kaiser Permanente  
Oakland, CA
69. Project # 17-06-3027 (Delgado)  
Title: School Food and Activity Culture and Its Association with Health and Learning  
PI: Lorrene Ritchie, PhD, RD  
University of California, Davis  
Davis, CA
70. Project # 12-06-0357 (Ruiz)  
Title: Ascertainment of Environmental Exposure During Pregnancy  
PI: Martin Kharrazi, PhD  
California Department of Public Health  
Oakland, CA
71. Project # 12-06-0355 (Dickey)  
Title: Gestational Age Measurement in California Birth Records  
PI: Martin Kharrazi, PhD  
California Department of Public Health  
Oakland, CA
72. Project # 12-11-0925 (Lowe)  
Title: Molecular Markers of Preterm Birth – Maternal and Infant Genetic Contributions to Preterm Birth: The Inflammatory Response  
PI: Martin Kharrazi, PhD  
California Department of Public Health  
Oakland, CA

73. Project # 2017-022 (Palacio)  
Title: Characteristics of Persons Admitted to State Prisons, 2009 and 2014  
PI: Matthew Durose, Masters of Science  
Department of Justice  
Washington, D.C.
74. Project # 2017-103 (Dinis)  
Title: Health at Birth and Adult Socio-Economic Outcomes  
PI: Maya Rossin-Slater, PhD  
Co-PI: Raj Chetty, PhD  
Stanford University  
Stanford, CA  
John Friedman, PhD  
Brown University  
Providence, RI  
W. Reed Walker, PhD  
University of California, Berkeley  
Berkeley, CA
75. Project # 12-11-0903 (Lowe)  
Title: Cohort Cancer Registry Follow-Up Study  
PI: Meir Stampfer, MD, DrPH  
Harvard University  
Cambridge, MA
76. Project # 2018-003 (Palacio)  
Title: A Comparison of Criminal and Violent Recidivism: Conditional Release Program-Released Patients and Directly-Discharged Patients by Legal Classification  
PI: Melinda DiCiro, PsyD  
Co-PI: Shiva Amin, PhD  
California Department of State Hospitals  
Sacramento, CA
77. Project # 16-10-2744 (Palacio)  
Title: California's College and Career Readiness Standards in the Era of Common Core Assessments  
PI: Michal Kurlaender, PhD  
Co-PI: Jonathan Isler, PhD  
University of California, Davis  
Davis, CA



78. Project # 12-11-0945 (Dickey)  
Title: Central Valley Autism Project, Incorporated: Early Intensive Behavioral Treatment Outcome Study  
PI: Mieke San Julian, MA, BCBA  
Central Valley Autism Project, Incorporated  
Sacramento, CA
79. Project # 2018-030 (Ruiz)  
Title: Whole Person Care (WPC) Pilot Evaluation Design  
PI: Nadereh Pourat, PhD  
University of California, Los Angeles  
Los Angeles, CA
80. Project # 15-12-2363 (Ruiz)  
Title: Risk of Second Cancers Among People with Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome  
PI: Nancy Hessel, MSPH  
University of California, San Francisco  
San Francisco, CA
81. Project # 15-12-2357 (Dickey)  
Title: Investigating Epidemiology and Long-Term Outcomes of Infectious Endocarditis  
PI: Natalia Egorova, PhD  
Mount Sinai School of Medicine  
New York, NY
82. Project # 15-12-2344 (Dinis)  
Title: Asian and Pacific Islander Community Exposures (ACE) Project  
PI: Nerissa Wu, PhD  
California Department of Public Health  
Oakland, CA
83. Project # 16-10-2729 (Ruiz)  
Title: Pancreatic Cystic Lesions: Descriptive Epidemiology and Natural History  
PI: Paige Bracci, PhD, MS, MPH  
University of California, San Francisco  
San Francisco, CA

84. Project # 12-12-1006 (Dickey)  
Title: Molecular Epidemiology of Pancreatic Cancer  
PI: Paige Bracci, PhD, MS, MPH  
University of California, San Francisco  
San Francisco, CA
85. Project # 17-01-2834 (Dickey)  
Title: Participant Voices Study  
PI: Pat Crawford, DrPH, RD  
Co-PI: Wendi Gosliner, DrPH, RD  
University of California, Davis Natural and Agricultural Resources  
Davis, CA
86. Project # 2018-019 (Lund)  
Title: The Old Globe Theatre's Reflecting Shakespeare Program Evaluation  
PI: Patricia Saraniero, EdD  
Moxie Research  
San Diego, CA
87. Project # 2018-009 (Delgado)  
Title: Hospital Visits Due to External Causes of Injury: A Time Series Analysis  
PI: Peter Tuckel, PhD  
Co-PI: William Milczarski, PhD  
City University of New York  
New York, NY
88. Project # 13-09-1341 (Ruiz)  
Title: Disparities in the Surgical Treatment of Cancer Based on Race, Ethnicity, and Immigration Status  
PI: Philip Ituarte, PhD, MPH  
Co-PI: Jae Kim, MD  
City of Hope  
Duarte, CA
89. Project # 2017-040 (Perel)  
Title: Trends in the Use of Percutaneous Intervention in Congenital Heart Disease for Pediatric Patients  
PI: Rie Sakai-Bizmark, MD, MPH, PhD  
Los Angeles Biomedical Research Institute  
Torrance, CA

90. Project # 2018-020 (Dickey)  
 Title: The University of California San Diego Newborn Screening-Autism Risk Study  
 PI: Robert Naviaux, MD, PhD  
 University of California, San Diego  
 La Jolla, CA
91. Project # 12-12-0959 (Ruiz)  
 Title: Enhancement of Surveillance of Vaccine Preventable Diseases Using California Hospital Discharge and Death Data  
 PI: Robert Schechter, MD  
 Co-PI: Kathleen Harriman, PhD  
 California Department of Public Health  
 Oakland, CA
92. Project # 13-02-1085 (Ruiz)  
 Title: The Connie Wofsy Women's Human Immunodeficiency Virus Study (Northern CA Women's Interagency Human Immunodeficiency Virus Study)  
 PI: Ruth Greenblatt, MD  
 University of California, San Francisco  
 San Francisco, CA
93. Project # 2018-041 (Dinis)  
 Title: Impact of Neighborhoods and Navigation on Survivorship  
 PI: Salma Shariff-Marco, PhD, MPH  
 Co-PI: Alyssa Nickell, PhD  
 University of California, San Francisco  
 San Francisco, CA
94. Project # 13-02-1084 (Dickey)  
 Title: Perinatal Regionalization and Quality of Care  
 PI: Scott A Lorch, MD, MSCE  
 University of Pennsylvania  
 Philadelphia, PA
95. Project # 2018-045 (Schaeuble)  
 Title: School Readiness Home Visits: Year 5 Evaluation of the Little by Little Program  
 PI: Shannon Whaley, PhD  
 Co-PI: Catherine Martinez, MPH  
 Public Health Foundation Enterprise Women, Infants, and Children  
 Irwindale, CA

96. Project # 13-08-1323 (Schaeuble)  
Title: The Relationship Between the Rorschach Performance Assessment System Cognitive Processing Scales and Neuropsychological Status in a Conditional Release Offender Population  
PI: Shay Groenewold, MA  
Alliant International University  
San Diego, CA
97. Project # 12-12-0949 (Dickey)  
Title: Los Angeles Mommy and Baby (Lamb) Project  
PI: Shin Chao, PhD  
Los Angeles County  
Los Angeles, CA
98. Project # 13-09-1350 (Ruiz)  
Title: Los Angeles Mommy and Baby Project Follow Up Project (LAMB Follow-Up)  
PI: Shin Chao, PhD  
Los Angeles County  
Los Angeles, CA
99. Project # 14-11-1799 (Ruiz)  
Title: Exogenous Shocks In Utero and Infant Health: Evidence from California  
PI: Shin-Yi Chou, PhD  
Co-PI: Muzhe Yang, PhD  
Lehigh University  
Bethlehem, PA
100. Project # 12-11-0927 (Ruiz)  
Title: Collection of Gene Mutations for Laboratory Quality Assurance  
PI: Stanley Sciortino, MPH, PhD  
Co-PI: Jeff Sanchez, BA  
California Department of Public Health  
Oakland, CA
101. Project # 15-11-2299 (Schaeuble)  
Title: Insurance Coverage, Employment Status, and Copayments/Deductibles Faced by Young Women Diagnosed with Breast Cancer  
PI: Sujha Subramanian, PhD  
Research Triangle Park International  
Research Triangle Park, NC

102. Project # 14-10-1750 (Schaeuble)  
 Title: Kaiser Permanente Inter-Regional Behavioral Health Suicide Metric for Quality Improvement Benchmarking  
 PI: Sumita Bhatia, MPH, MS  
 Co-PI: Jean Flores, MPH  
 Kaiser Permanente  
 Oakland, CA
103. Project # 16-11-2793 (Ruiz)  
 Title: Changes in Safety at High Desert State Prison: Official Data Analysis  
 PI: Susan Turner, PhD  
 University of California, Irvine  
 Irvine, CA
104. Project # 2017-042 (Ruiz)  
 Title: California Reducing Disparities Project Phase 2, Convivencia Local Evaluation  
 PI: Susana Morales, MA  
 California Department of Public Health  
 Oakland, CA  
 Co-PI: Rafael Colonna, PhD  
 California Department of Public Health  
 Sacramento, CA
105. Project # 12-11-0935 (Ruiz)  
 Title: Foodborne Diseases Active Surveillance Network: Population Survey  
 PI: Tanya Libby, MPH  
 Co-PI: Duc Vugia, MD, MPH  
 California Emerging Infections Program  
 Oakland, CA
106. Project # 15-10-2260 (Dickey)  
 Title: Collection of Confirmed Duchenne Muscular Dystrophy Positive and Presumptive Negative Newborn Screening Dried Blood Spot Specimens  
 PI: Lisa Vershave  
 Perkin Elmer  
 Indianapolis, Indiana
106. Project # 17-04-2939 (Palacio)  
 Title: Racial and Immigrant Generation Disparities in Birth Outcomes  
 PI: Theresa Andrasfay, MA  
 Princeton University  
 Princeton, NJ

107. Project # 15-09-2210 (Dickey)  
Title: Utilizing Electronic Health Records to Measure and Improve Prostate Cancer Care  
PI: Tina Hernandez-Boussard, PhD  
Co-PI: Scarlett L Gomez, PhD  
Stanford University  
Stanford, CA
108. Project # 12-07-0507 (Ruiz)  
Title: Genome Wide Admixture for Multiple Myeloma in African Americans  
PI: Wendy Cozen, DO, MPH  
Co-PI: Christopher Haiman, ScD  
University of Southern California  
Los Angeles, CA
109. Project # 2018-013 (Ruiz)  
Title: Host Factors, Tumor Microenvironment and Survival in a Multi-Ethnic Study of Hodgkin Lymphoma Patients  
PI: Wendy Cozen, DO, MPH  
University of Southern California  
Los Angeles, CA
110. Project # 15-11-2298 (Trent)  
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
111. Project # 15-03-1914 (Dickey)  
Title: Geocoding Decedents' Home Addresses to Evaluate Health Impacts from Localized Sources of Air Pollution  
PI: Virginia Lau, MS  
Bay Area Air Quality Management District  
San Francisco, CA

## **J. Projects with Major Revisions Requiring Periodic Review**

1. Project # 12-11-0893 (Dickey)  
Title: Pilot Study of Trends and Risks in Gestational Diabetes  
PI: Assiamira Ferrara, MD, PhD  
Kaiser Permanente  
Oakland, CA
  
2. Project # 15-02-1885 (Ruiz)  
Title: Coordinating All Resources Effectively (CARE) for Children with Medical Complexity  
PI: Carlos Lerner, MD  
University of California, Los Angeles  
Los Angeles, CA
  
3. Project # 12-12-0962 (Ruiz)  
Title: The Utility of the Minnesota Multiphasic Personality Inventory-2, Minnesota Multiphasic Personality Inventory-2 Reconstructive Form, and Personality Assessment Inventory in a State Psychiatric Hospital  
PI: David Glassmire, PhD  
California Department of State Hospitals  
Sacramento, CA
  
4. Project # 13-10-1366 (Molitor)  
Title: The Children's Data Network/California Children's Services Archive  
PI: Emily Putnam-Hornstein, PhD  
Co-PI: Jacquelyn McCroskey, DSW  
University of Southern California  
Los Angeles, CA
  
5. Project # 14-08-1658 (Ruiz)  
Title: Environmental Health Tracking and Childhood Cancers in California  
PI: Julia Heck, PhD  
University of California, Los Angeles  
Los Angeles, CA
  
6. Project # 14-12-1829 (Ruiz)  
Title: Champions for Change Media Campaign Evaluation  
PI: Lauren Whetstone, PhD  
California Department of Public Health  
Sacramento, CA

7. Project # 12-05-0176 (Dickey)  
 Title: California Health Interview Survey  
 PI: Ninez Ponce, PhD  
 Co-PI: Todd Hughes, BS  
 University of California, Los Angeles  
 Los Angeles, CA
8. Project # 17-07-3079 (Molitor)  
 Title: Gestational Vitamin D and Relationship with Autism Spectrum Disorders  
 PI: Rebecca Schmidt, PhD  
 University of California, Davis  
 Davis, CA
9. Project # 16-09-2711 (Ruiz)  
 Title: Effect of Changing Neonatal Intensive Care Unit Patient Volumes and Levels of Care on Neonatal Outcomes  
 PI: Scott A Lorch, MD, MSCE  
 University of Pennsylvania  
 Philadelphia, PA  
 Co-PI: Ciaran Phibbs, PhD  
 Stanford University  
 Stanford, CA
10. Project # 16-06-2577 (Lund)  
 Title: Developing a Patient-Level Risk Prediction Model for Prescription Opioid Overdose and Death  
 PI: Stephen Henry, MD, MSc  
 University of California, Davis  
 Davis, CA  
 Co-PI: Tina Farales, BA  
 Department of Justice  
 Sacramento, CA
11. Project # 17-01-2843 (Trent)  
 Title: Local Community Health Needs Assessment Data  
 PI: Warren Jensen, BA  
 Gary Bess Associates  
 Paradise, CA



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

1. Project # 2017-042 (Ruiz)  
Title: California Reducing Disparities Project Phase 2, Convivencia Local Evaluation  
PI: Susana Morales, MA  
California Department of Public Health  
Oakland, CA  
Co-PI: Rafael Colonna, PhD  
California Department of Public Health  
Sacramento, CA

### **L. Exemption/Determination Requests**

1. Project # 2018-268 (Lowe)  
Title: Assessment of Responder Behavioral Health Practices Among Response Agencies  
PI: Jason Wilken, PhD  
California Department of Public Health  
Oakland, CA
2. Project # 2018-267 (Lowe)  
Title: Community Assessment of Preparedness for Emergency Response (CASPER) for Heat Preparedness, Imperial County  
PI: Jason Wilken, PhD  
California Department of Public Health  
Oakland, CA
3. Project # 2018-190 (Ruiz)  
Title: Medi-Cal Dental Utilization Rates for Children in Foster Care in Los Angeles County  
PI: Maritza Cabezas, DDS, MPH  
Los Angeles County  
Los Angeles, CA
4. Project # 2018-271 (Ruiz)  
Title: Interferon Gamma Release Assay Sensitivity Among Older Adults  
PI: Pennan Barry, MD  
Co-PI: Adam Readhead, PhD, MPH  
California Department of Public Health  
Oakland, CA

## **M. Final Reports**

1. Project # 12-12-0985 (None)  
Title: Reproductive Outcomes Among Female Flight Attendants  
PI: Candice Johnson, PhD  
Co-PI: Christina Lawson, PhD  
National Institute of Occupational Safety and Health  
Atlanta, GA
  
2. Project # 13-01-1048 (None)  
Title: Research in Language and Cognitive Development  
PI: Catherine Sandhofer, PhD  
University of California, Los Angeles  
Los Angeles, CA
  
3. Project # 16-02-2427 (None)  
Title: The National Longitudinal Study of Adolescent to Adult Health – Project II: Birth Records  
PI: Jon Hussey, PhD, MPH  
University of North Carolina  
Chapel Hill, NC  
Co-PI: Jennifer Buher Kane, PhD  
University of California, Irvine  
Irvine, CA
  
4. Project # 12-12-1007 (None)  
Title: Colorectal Cancer Family Epigenetic Study Program  
PI: S. Pamela Shiao, PhD  
Augusta University  
Augusta, GA