Compendium of Awards

Cycle 25
2019
Introduction

The mission of the CBCRP is to prevent and eliminate breast cancer by leading innovation in research, communication, and collaboration in the California scientific and lay communities.

The California Breast Cancer Research Program (CBCRP) is pleased to announce the funding of 19 new research projects that will advance our knowledge about the community impact, prevention, etiology, detection, and treatment of breast cancer. With these new awards we are investing $4,843,884 for research projects being performed at 15 institutions and community organizations across the state.

CBCRP supports breast cancer research in California from funds obtained through:

- A portion of a 2¢ per pack State cigarette tax
- Contributions from individuals using the State’s income tax check-off option
- Donations from concerned community members dedicated to defeating breast cancer

CBCRP is administered by the University of California, Office of the President, in Oakland. Our overall objectives, strategies, and priorities are developed with the assistance of a volunteer California Breast Cancer Research Council (BCRC), which sets program priorities and recommends the grants to be funded. The BCRC consists of 16 members: five are representatives of breast cancer survivor/advocacy groups; five are scientists/clinicians; two are members from nonprofit health organizations, one is a practicing breast cancer medical specialist, two are members from private industry, and one is an ex officio member from the California Department of Health Services breast cancer early detection program, “Every Woman Counts.”

CBCRP research funding is organized through several sub-program units including:

- **Community initiatives** supports research grants that incorporate both academic researchers and community group investigators to study a problem specific to a community, but with wider dissemination potential.
- **Core funding** focuses on investigator-initiated traditional grants to support smaller, innovative projects and conferences.
- **Program Directed Initiatives** support California Breast Cancer Prevention Initiative projects to identify and eliminate environmental causes of breast cancer; identify and eliminate disparities/inequities in the burden of breast cancer in California; develop population-level interventions (including policy research) on known or suspected breast cancer risk factors and protective measures; and develop target interventions for high-risk individuals, including new methods for identifying or assessing risk.
- **Policy Initiative** used an open, competitive peer-reviewed process to establish a pool of pre-qualified policy research investigators/teams who are poised to quickly fill knowledge gaps to inform breast cancer relevant policy. The pre-qualified policy investigators/teams contract with CBCRP to generate answers to CBCRP-selected research questions and then effectively deliver those answers to policymakers.

The full abstracts of these newly funded grants, as well as those from previous CBCRP funding cycles, can be found on our website: [www.CABreastCancer.org](http://www.CABreastCancer.org).
Overview of CBCRP Priority Areas

• The Community Impact of Breast Cancer: The Social Context explores the factors that contribute to the unequal burden of breast cancer among diverse communities and the policy alternatives that would contribute to reducing disparities in access to prevention, risk reduction, detection, treatment, support, and/or survivorship services for California’s underserved populations. Subtopics of this priority area include:
  o Health Policy
  o Health Services
  o Sociocultural, Behavioral and Psychological Issues Relevant to Breast Cancer: The Human Side
  o Disparities: Eliminating the Unequal Burden of Breast Cancer

• Etiology and Prevention: Finding the Underlying Causes investigates the causes of breast cancer and the strategies that can be used to prevent it. We are interested in learning about the environmental and biological factors that interact to increase the risk of developing breast cancer and the approaches that can be used to reduce or eliminate breast cancer risk. Subtopics of this priority area include:
  o Etiology: The Role of Environment and Lifestyle
  o Prevention and Risk Reduction: Ending the Danger of Breast Cancer

• Biology of the Breast Cell: The Basic Science of the Disease supports research that addresses the critical need to understand the pre-neoplastic, causative events of breast cancer at the tissue level, including the stroma. These studies investigate genetic changes in stem cells and normal tissue as well as disease progression and the tumor heterogeneity at the basic science level. Subtopics of this priority area include:
  o Biology of the Normal Breast: The Starting Point
  o Pathogenesis: Understanding the Disease

• Detection, Prognosis and Treatment: Delivering Clinical Solutions supports projects with aims that are on the critical path for translation. They develop novel imaging technologies, new biomarkers, and genomic/proteomic approaches for more accurate diagnosis and prognosis. They are also researching less toxic and more individualized therapies, mechanisms of drug resistance, and studies to evaluate alternative medicines and natural products. Subtopics of this priority area include:
  o Imaging, Biomarkers, and Molecular Pathology: Improving Detection and Diagnosis
  o Innovative Treatment Modalities: Searching for a Cure.

Overview of CBCRP Award Types

CBCRP funded new research projects using a variety of award types in 2018:

• Community Research Collaboration (CRC) awards bring community organizations—such as breast cancer advocates, community clinics, or organizations serving under-represented women—together with experienced academic scientists to investigate breast cancer problems that are important to that community, using culturally-appropriate research methods. CRC Pilot (18-month) and CRC Full Research awards (three years) are available.

• Innovative Developmental and Exploratory Awards (IDEAs) are 12- to 18-month grants for targeted high-risk/high-reward projects. CBCRP incorporates the "critical path" concept, which requires applicants to place their project on a research continuum leading to practical applications. IDEAs are offered to both new and established investigators.

• Conference Awards support a conference, symposium, retreat, or other meeting to link breast cancer researchers, non-breast cancer investigators, and community members for the purpose of stimulating new ideas and collaborations.

• Program Directed Initiatives support Requests for Proposals (RFPs) that competitively fund investigator-initiated research responding to the California Breast Cancer Prevention initiative topic, Request for Qualifications (RFQs) that fund grants based on the qualifications of the investigator to undertake CBCRP-defined research projects in close collaboration with CBCRP
and **Program Directed Awards (PDAs)** to fund crucial projects identified during the strategy development proposed by the Steering Committee and approved by the CBCRP Council. In 2016, CBCRP funded projects in response to the “Non-Targeted Testing of Chemicals in Drinking Water in California” Initiative.

- **Policy Awards** support teams of on-call investigators that have been pre-screened through an RFQ to conduct rapid response research to policy questions identified by CBCRP with the assistance of the Policy Research Advisory Group. $150,000 is allocated annually and may be dedicated to one team or spread out over multiple teams, depending on the complexity of the topics and the potential for impact of the projects.
IDEA Awards applications must pass through a letter of intent (LOI) screening process conducted by our Council to select projects that best meet our award type and programmatic criteria. We view this as a benefit to both the applicants and Program in terms of reducing the effort to prepare full applications and CBCRP’s corresponding peer review costs.

### Table 1. LOI submission and approval results

<table>
<thead>
<tr>
<th>Award Type</th>
<th>LOIs submitted</th>
<th>LOIs approved</th>
<th>Percent approved</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDEA</td>
<td>27</td>
<td>23</td>
<td>85%</td>
</tr>
</tbody>
</table>

After the LOI process, the full application data is shown in the table below.

### Table 2. 2019 full application submissions by award type and priority issue

<table>
<thead>
<tr>
<th>Award Type</th>
<th>Etiology &amp; Prevention</th>
<th>Community Impact</th>
<th>Detection, Prognosis &amp; Treatment</th>
<th>Biology of the Breast Cell</th>
<th>Award Type Totals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovative, Developmental &amp; Exploratory (IDEA)</td>
<td>4</td>
<td>1</td>
<td>11</td>
<td>5</td>
<td>21</td>
</tr>
<tr>
<td>Community Research Collaboration (CRC) Pilot</td>
<td>3</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Community Research Collaboration Full</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Program-Directed Initiatives</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Policy Initiative</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>CBCRP Conference</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Priority Totals</td>
<td>14</td>
<td>9</td>
<td>12</td>
<td>5</td>
<td>40</td>
</tr>
</tbody>
</table>
Table 3. 2019 grant distribution by award type

<table>
<thead>
<tr>
<th>Award Type</th>
<th>Number of Applications</th>
<th>Grants Funded (Success Rate)</th>
<th>Amount Awarded</th>
<th>Percentage of Total Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDEA</td>
<td>21</td>
<td>8 (38%)</td>
<td>$1,592,050</td>
<td>32.9%</td>
</tr>
<tr>
<td>Community Research Collaboration (CRC) – Pilot</td>
<td>8</td>
<td>4 (50%)</td>
<td>$746,466</td>
<td>15.4%</td>
</tr>
<tr>
<td>Community Research Collaboration (CRC) - Full</td>
<td>2</td>
<td>1 (50%)</td>
<td>$749,989</td>
<td>15.5%</td>
</tr>
<tr>
<td>CBCRP Conference</td>
<td>2</td>
<td>2 (100%)</td>
<td>$50,000</td>
<td>1.0%</td>
</tr>
<tr>
<td>Program-Directed Initiatives</td>
<td>5</td>
<td>2 (40%)</td>
<td>$1,427,632</td>
<td>29.5%</td>
</tr>
<tr>
<td>Policy Initiatives</td>
<td>2</td>
<td>2 (100%)</td>
<td>$277,747</td>
<td>5.7%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>40</strong></td>
<td><strong>19 (47.5%)</strong></td>
<td><strong>$4,843,884</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Table 4. 2019 grant distribution by priority issue

<table>
<thead>
<tr>
<th>Award Type</th>
<th>Number of Applications</th>
<th>Grants Funded (Success Rate)</th>
<th>Amount Awarded</th>
<th>Percentage of Total Funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Etiology &amp; Prevention</td>
<td>14</td>
<td>5 (36%)</td>
<td>$2,488,459</td>
<td>51.4%</td>
</tr>
<tr>
<td>Community Impact</td>
<td>9</td>
<td>6 (67%)</td>
<td>$1,024,213</td>
<td>10.2%</td>
</tr>
<tr>
<td>Detection, Prognosis &amp; Treatment</td>
<td>12</td>
<td>5 (42%)</td>
<td>$835,001</td>
<td>17.2%</td>
</tr>
<tr>
<td>Biology of the Breast Cell</td>
<td>5</td>
<td>3 (60%)</td>
<td>$496,211</td>
<td>10.2%</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>40</strong></td>
<td><strong>19 (47.5%)</strong></td>
<td><strong>$4,843,884</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>
Community Initiatives Grants

Breast Cancer Risks from California’s Gold Mining Legacy
Award type: Community Research Collaboration Award - Full
Priority Issue: Etiology and Prevention

Joanne Hild
Sierra Streams Institute
$788,664

Peggy Reynolds
UCSF
$183,334

Total Award: $749,989

Cancer Navigation for Vietnamese Americans (CANVAS)
Award type: Community Research Collaboration Award - Pilot
Priority Issue: Community Impact of Breast Cancer

Becky Nguyen
Vietnamese American Cancer Foundation
$90,355

Sora Tanjasiri
UCI
$90,121

Total Award: $180,476

Creating Bridges to Women’s Health Care in Young Survivors
Award type: Community Research Collaboration Award - Pilot
Priority Issue: Community Impact of Breast Cancer

Helen Palomino
Cancer Resource Center of the Desert
$65,370

Irene Su
UCSD
$112,500

Total Award: $177,870

Ethnic Enclave Effect on Vietnamese Breast Cancer Patients
Award type: Community Research Collaboration Award - Pilot
Priority Issue: Community Impact of Breast Cancer

Hai Hoang
BPSOS Center for Community Advancement
$88,784

Lihua Liu
University of Southern California
$123,750

Total Award: $212,534
Nail Salon Worker Leadership and Reducing Breast Cancer Risk
Award type: Community Research Collaboration Award - Pilot
Priority Area: Community Impact of Breast Cancer

Charlotte Chang
UCB
$88,338

Lisa Fu
Asian Health Services
$87,248

Total Award: $175,586

Core Funding Grants

7th Annual Metastatic Breast Cancer Conference
Award type: CBCRP Conference Award
Priority Issue: Detection, Prognosis and Treatment

Sharon Schlesinger
Susan G. Komen for the Cure
$25,000

Defining the metastasis-initiating cancer stem cells
Award type: IDEA Award
Priority Issue: Biology of the Breast

Olga Razorenova
UCI
$184,337

Enhancing muscle strength and immunity in breast cancer
Award type: IDEA Award
Priority Issue: Etiology and Prevention

Joanna Davies
San Diego Biomedical Research Institute
$285,838

Immunotherapeutic Exosomes for Triple Negative Breast Cancer
Award type: IDEA Award
Priority Issue: Detection, Prognosis and Treatment

Yong Zhang
University of Southern California
$247,500

Mechanisms underlying cellular addiction to HER2
Award type: IDEA Award
Priority Issue: Biology of the Breast

Mark Moasser
UCSF
$185,874

Non-contrast MRI Breast Cancer Screening
Award type: IDEA Award
Priority Issue: Detection, Prognosis and Treatment
Rebecca Rakow-Penner  
UCSD  
$187,501

**Novel Ab-(IL-12) Fusion Proteins for Breast Cancer Therapy**  
Award type: IDEA Award  
Priority Issue: Detection, Prognosis and Treatment

Manuel Penichet  
UCLA  
$187,500

**Tumor and Liquid Biopsy-based Biomarkers for Immunotherapy**  
Award type: IDEA Award  
Priority Issue: Detection, Prognosis and Treatment

Laura Van ’t Veer  
UCSF  
$187,500

**Unraveling the Mutagenic Mechanisms of Breast Cancer**  
Award type: IDEA Award  
Priority Issue: Biology of the Breast

Remi Buisson  
UCI  
$125,000

**Women's Health and Environmental Justice**  
Award type: CBCRP Conference Award  
Priority Issue: Etiology and Prevention

Janet Pregler  
UCLA  
$25,000

Denotes awards that have been supported in part through voluntary contributions from California taxpayers

Denotes Faith Fancher Research Award recipient. Faith Fancher was a long-time television news anchor and personality with KTVU (Oakland) who waged a very public battle against breast cancer. She also was the founding member of the CBCRP Executive Team, which formed in 2001 to help raise the visibility and fundraising profile of our program. Faith passed away in October 2003 after a six-year struggle with breast cancer. In Faith's honor, and to commemorate all that she did for breast cancer education and research, we have created this annual award. The selected grant reflects the values that Faith held most closely and extends the work that Faith did for all women facing breast cancer.
**Program-Directed Research**

**Nontargeted Chemical Analysis of California Drinking Water**  
Award type: CBCPI Request for Proposals  
Priority Issue: Etiology and Prevention  

Thomas Young  
UCD  
$753,009

**Tapwater Analysis Project (TAP): Testing Chemicals in Water**  
Award type: CBCPI Request for Proposals  
Priority Issue: Etiology and Prevention  

Gina Solomon  
Public Health Institute  
$674,623

**Policy Initiative Research**

**Awareness of Alcohol as a Risk Factor for Breast Cancer**  
Award type: Policy Award  
Priority Issue: Community Impact of Breast Cancer  

Priscilla Martinez  
Public Health Institute  
$152,747

**Barriers to Metastatic Breast Cancer Care in California**  
Award type: Policy Award  
Priority Issue: Community Impact of Breast Cancer  

Ninez Ponce  
UCLA  
$125,000
The following **15 California research institutions and community organizations** were awarded new CBCRP funding in the 2018-2019 grant cycle. Community Research Collaboration (CRC) grants may be split between institutions.

<table>
<thead>
<tr>
<th>Institution</th>
<th># of Grants</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian Health Services</td>
<td>1</td>
<td>$87,248</td>
</tr>
<tr>
<td>BPSOS Center for Community Advancement</td>
<td>1</td>
<td>$88,784</td>
</tr>
<tr>
<td>Cancer Resource Center of the Desert</td>
<td>1</td>
<td>$183,334</td>
</tr>
<tr>
<td>Public Health Institute</td>
<td>2</td>
<td>$827,370</td>
</tr>
<tr>
<td>San Diego Biomedical Research Institute</td>
<td>1</td>
<td>$285,838</td>
</tr>
<tr>
<td>Sierra Streams Institute</td>
<td>1</td>
<td>$388,508</td>
</tr>
<tr>
<td>Susan G. Komen for the Cure</td>
<td>1</td>
<td>$25,000</td>
</tr>
<tr>
<td>UCD</td>
<td>1</td>
<td>$753,009</td>
</tr>
<tr>
<td>UCB</td>
<td>1</td>
<td>$88,338</td>
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<tr>
<td>UCI</td>
<td>3</td>
<td>$399,458</td>
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<tr>
<td>UCLA</td>
<td>3</td>
<td>$337,500</td>
</tr>
<tr>
<td>UCSD</td>
<td>2</td>
<td>$300,001</td>
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<tr>
<td>UCSF</td>
<td>3</td>
<td>$735,855</td>
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<tr>
<td>University of Southern California</td>
<td>2</td>
<td>$371,250</td>
</tr>
<tr>
<td>Vietnamese American Cancer Foundation</td>
<td>1</td>
<td>$90,355</td>
</tr>
</tbody>
</table>
CBCRP thanks the participants in our 2019 review committees for their service and dedication to our Program!

In the first phase of the funding process, grant applications were peer reviewed and scored for scientific merit by review committees using a model that follows established practice at the National Institutes of Health (NIH). Each committee is composed of scientists and advocates from outside California. The Committee Chair leads the review process and is a senior researcher. Scientific Reviewers have broad expertise in topics associated with individual applications. Breast cancer Advocate Reviewers are women active in breast cancer advocacy organizations, and many of them are also living with the disease. Advocates bring their personal knowledge and commitment to the review process. Each committee also includes a California Advocate Observer, who does not review or vote, but represents California’s advocacy community. The observer gains insight into our process and provides feedback to the Program. When additional expertise is needed, an Ad Hoc Member is brought in to the review a particular application not covered by the other committee scientist reviewers.

CBCRP uses a scientific merit scoring system that rates individual components (e.g., approach, innovativeness, impact). This allows our expert reviewers and Council to better differentiate applications that might otherwise appear identical. Depending on the award type, we use four or five scientific merit components in the peer review process.

We triage some applications that score in the lower range of a committee’s portfolio using the preliminary scores of the assigned reviewers. Applications in the upper range of a committee’s portfolio all receive full committee discussion, as do any of the lower scoring applications nominated to full review by one reviewer.

Applications that were not triaged were rated by CBCRP’s Council for programmatic responsiveness. Combinations of the following criteria were used:

- Responsiveness to CBCRP’s priority issues and award type (or initiative)
- Strength of individual scientific merit component scores (e.g., innovation for IDEA applications)
- Underfunded topic
- Quality of the lay abstract
- Inclusion of advocates in the funded research
- Addressing the needs of the underserved
- Critical path/translation (IDEA and Translational Research Award), or dissemination and translational potential (CRC)

This two-tiered evaluation and funding process ensures both scientific excellence and relevance of the research to CBCRP’s mission and goals.
Community Impact Review Committee

Chairs:
Carolyn Gotay, PhD
Professor Emeritus of Population and Public Health
University of British Columbia
Vancouver, BC

JoAnn Tsark, MPH
Co-Director, Community Engagement Core for Ola HI
John A. Burns School of Medicine, University of Hawaii
Honolulu, HI

Scientific Reviewers:
Sandra Deming Halverson, PhD
Adjunct Research Assistant Professor of Medicine
Vanderbilt University
Nashville, TN

Farrah Jacquez, PhD
Associate Professor
University of Cincinnati
Cincinnati, OH

Grace Sembajwe, PhD
Associate Professor
Occupational Medicine, Epidemiology and Prevention (OMEP)
Northwell Health
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Emma Tsui, PhD
Assistant Professor
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New York, NY

Karriem Watson, DHS
Assoc. Director Community Outreach and Engagement University of Illinois Cancer Center
Chicago Health Equity Collaborative
University of Illinois, Chicago School of Public Health
Chicago, IL

Advocate Reviewers:
Valerie Fraser
Inflammatory Breast Cancer International Consortium
Huntington Woods, MI

Susan Pelletier
Vermont Breast Cancer Coalition
Stockbridge, VT

Ad Hoc Reviewer:
Anna Goodman Hoover, PhD
Department of Preventive Medicine and Environmental Health
Center for Public Health Systems & Services Research and Public Health Practice-based Research Networks
College of Public Health
University of Kentucky
Lexington, KY

California Advocate Observer:
Michele Atlan
Breast Cancer Care & Research Fund
Los Angeles, CA
Clinical, Prevention & Biological Sciences Review Committee

Chair:
Patricia A. Thompson Carino, Ph.D.
Professor, Department of Pathology
Associate Director for Basic Research Cancer Center
Stony Brook School of Medicine

Scientific Reviewers:
Erik Nelson, PhD
Assistant Professor
University of Illinois
Urbana, IL

William Redmond, PhD
Associate Member, Laboratory of Cancer Immunotherapy
Director, Immune Monitoring Laboratory
Earle A. Chiles Research Institute
Providence Cancer Institute
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Denver, CO

Sallie Smith Schneider, PhD
Director, Biospecimen Resource and Molecular Analysis Facility
Baystate Medical Center
Springfield, MA

Advocate Reviewers:
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Virginia Breast Cancer Foundation
Richmond, VA

Ann Fonfa
Annie Appleseed Project
Delray Beach, FL

Beverly Parker, MSW, PhD
Living Beyond Breast Cancer
Naperville, IL

Ad-Hoc Reviewer:
Eva Sevick, PhD
Professor, Nancy and Rich Kinder Distinguished Chair of Cardiovascular Disease Research
Professor and Director, Center for Molecular Imaging
McGovern Medical School
The University of Texas Health Science Center at Houston
Houston, TX

California Advocate Observer:
Jennifer Scott, MA
Director of Development, UCLA Fielding School of Public Health
Los Angeles, CA
CBCPI Hormones in Beef & Chemicals in Drinking Water Review Panel

Chair:
Jessica Schifano, JD, MPH
Health Scientist
U.S. Department of Labor
Occupational Safety and Health Administration
Washington, DC

Scientific Reviewers:
John (Jay) Nuckols, PhD
Emeritus Professor
Colorado State University
Environmental and Radiological Health Sciences
North Bethesda, MD

Carsten Prasse, PhD
Assistant Professor
Johns Hopkins University
Environmental Health & Engineering
Bethesda, MD

Laura Vandenberg, PhD
Associate Professor
University of Massachusetts, Amherst
School of Public Health & Health Sciences
Amherst, MA

Advocate Reviewer:
Patricia O’Brien
Vermont Cancer Network
Burlington, VT

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Professor, Meat Sciences
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Animal Science
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kgehringer@tamu.edu

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Assistant Professor
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Office of Sen. Robert M. Hertzberg  
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Los Angeles Breast Cancer Alliance  
Toluca Lake, CA

Michael Lipsett  
Retired  
Chief of the Environmental Health Investigations Branch  
CA Department of Public Health  
Sacramento, CA
California Breast Cancer Research Council Programmatic Review Committee

Advocates
Ghecemy Lopez
Celebrate Life Cancer Ministry

JoAnn Loulan
Breast Cancer Action

Dolores Moorehead
Women’s Cancer Resource Center

Joan Venticinque
Cancer Patient Advocacy Alliance

Patricia Wu, Ed.D.
Dr. Susan Love Research Foundation

Nonprofit Health Organization Representatives
Tasha Stoiber, Ph.D.
Environmental Working Group

Thu Quach, Ph.D.
Asian Health Services

Medical Specialist
Francine Halberg M.D.
Marin General Hospital

Industry Representatives
Lisa Eli, Ph.D.
Puma Biotechnology, Inc.

Stina Singel M.D. Ph.D.
Genentech

Scientist/Clinicians
Ana Navarro, Ph.D.
University of California, San Diego

Robert Oshima, Ph.D.
Sanford Burnham Prebys Medical Discovery

Sharon Lum, M.D.
RAND Corporation

Veronica Vieira, D.Sc.
University of California, Irvine
California Breast Cancer Research Program Staff

Marion Kavanaugh-Lynch, M.D., M.P.H.
Director

Lisa Minniefield
Program Specialist

SPECIAL RESEARCH INITIATIVES
Nicholas Anthis, D.Phil.

COMMUNITY INITIATIVES
Senaida Fernandez, Ph.D.

CORE FUNDING
Katherine McKenzie, Ph.D.