



CALIFORNIA

**Breast
Cancer
Research**
PROGRAM

Compendium of Awards

**Cycle 22
2016**

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 16 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 \$9,941,730 for research projects being performed at 16 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, larger translational grants, 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. In 2016, CBCRP funded projects in response to the following Initiatives:
 - Science Convener for Program Initiatives (Convener)
 - California's Breast Cancer Primary Prevention Plan (Primary Prevention)
 - Identify Novel Biological Markers of Breast Cancer Risk Related to Environmental Chemical Exposures (Biomarkers)
 - Improving Breast Cancer Risk Assessment to Identify High-Risk Individuals (Risk Assessment)
- **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.

Overview of CBCRP Award Types

CBCRP funded new research projects using a variety of award types in 2016:

- **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.
- **Translational Research** awards support projects that overcome barriers and put prior research knowledge to practical use in the patient or community setting.
- **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 and **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.
- **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.

LOI and Application Submissions and Review

IDEA and Translational Research 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

Award Type	LOIs submitted	LOIs approved	Percent approved
IDEA	39	35	90%
Translational Research Award	7	5	71%

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

Table 2. 2016 full application submissions by award type and priority issue

Award Type ↓	CBCRP Priority Issue				Award Type Totals
	Etiology & Prevention	Community Impact	Detection, Prognosis & Treatment	Biology of the Breast Cell	
Innovative, Developmental & Exploratory (IDEA)	2	1	19	5	27
Translational Research Award	0	1	4	0	5
Community Research Collaboration (CRC) Pilot	4	5	0	0	9
Community Research Collaboration Full	1	1	0	0	2
CBCRP Conference	0	1	0	0	1
Program-Directed Initiatives	15	1	0	0	16
Policy Initiative Teams	0	3	0	0	3
Priority Totals	22	13	23	5	63

Funding Highlights

Table 3. 2016 grant distribution by award type

Award Type	Number of Applications	Grants Funded (Success Rate)	Amount Awarded	Percentage of Total Funding
IDEA	27	2 (7%)	\$445,815	4.5%
Translational	5	2 (40%)	\$2,156,061	21.7%
Community Research Collaboration (CRC) - Pilot	9	3 (33%)	\$554,233	5.6%
Community Research Collaboration (CRC) - Full	2	1 (50%)	\$723,500	7.3%
CBCRP Conference	1	1 (100%)	\$25,000	0.3%
Program-Directed Initiatives+	15	6 (40%)	\$5,918,705	59.5%
Policy Initiative Awards*	3	1 (33%)	\$118,416	1.2%
Total	63	16 (25%)	\$9,941,730	100%

Table 4. 2016 grant distribution by priority issue

Award Type	Number of Applications	Grants Funded (Success Rate)	Amount Awarded	Percentage of Total Funding
Etiology & Prevention+	23	7 (30%)	\$6,092,472	61.3%
Community Impact*	13	6 (46%)	\$2,446,669	24.6%
Detection, Prognosis & Treatment	23	3 (13%)	\$1,402,589	14.1%
Biology of the Breast Cell	5	0 (0%)	\$0	0%
Total	63	16 (25%)	\$9,941,730	100%

+ Dollar amounts for some awards in this category are still under negotiation and may change.

* Two of the three teams submitting policy initiative RFQs were selected to be included in the pool. A grant and supplement was issued to one team in the 2015-2016 funding cycle.

Grants Funded in Cycle 22 2015-2016

Community Initiatives Grants

Building Mixtec Community Capacity for Breast Health, Phase 3

Award type: Community Research Collaboration Award - Full
Priority Issue: Community Impact of Breast Cancer

Annette Maxwell
UCLA
\$534,659

Sandra Young
Mixteco/Indigena Community Organizing Project
\$188,841

Total Award: \$723,500

Rethink Plastic

Award type: Community Research Collaboration Award - Pilot
Priority Area: Etiology and Prevention

Barbara Cohn
Public Health Institute
\$146,352

Sandra Curtis
Earth Island Institute
\$14,668

Marie Loverde
Public Health Institute
\$12,747

Total Award: \$173,767



Tribal Research Initiative for Breast cancer Awareness and Learning (TRIBAL)

Award type: Community Research Collaboration Award - Pilot
Priority Issue: Community Impact of Breast Cancer

Emmett Chase
K'ima:w Medical Center
\$82,500

Moon S. Chen, Jr
UC Davis Comprehensive Cancer Center
\$93,750

Total Award: \$176,250

Using Telenavigators to Support Rural Breast Cancer Patients

Award type: Community Research Collaboration Award - Pilot
Priority Issue: Community Impact of Breast Cancer

Susan Ferrier
Connecting to Care
\$110,037

Scarlett Gomez
Cancer Prevention Institute of California
\$94,179

Total Award: \$204,216

Core Funding Grants

Breast Cancer Care: Pilot Forum for Mental Health Providers

Award type: CBCRP Conference

Priority Issue: Community Impact of Breast Cancer

Irene Wapnir
Stanford University
\$25,000

Implementing Systematic Distress Screening in Breast Cancer

Award type: Translational Research Award

Priority Issue: Community Impact of Breast Cancer

Erin Hahn
Kaiser Permanente Southern California
\$1,199,287



Preclinical Analysis of MAD28 in Inflammatory Breast Cancer

Award type: IDEA Award

Priority Issue: Detection/Prognosis/Treatment

Emmanuel Theodorakis
UCSD
\$210,715



Technologies for Augmented Reality Breast Surgery

Award type: IDEA Award

Priority Issue: Detection/Prognosis/Treatment

Bruce Daniel
Stanford University
\$235,100



Preventing Tumor Progression in Women with High-Risk DCIS

Award type: Translational Research Award

Priority Issue: Detection/Prognosis/Treatment

Thea Tlsty
UCSF
\$956,774



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

A Prospective Study of Phthalates, BPA, and Risk of Breast Cancer

Award type: CBCPI Biomarkers - Request for Proposals
Priority Issue: Etiology and Prevention

Anna H. Wu
University of Southern California
\$1,603,826

California's Breast Cancer Primary Prevention Plan

Award type: CBCPI Primary Prevention - Request for Qualifications
Priority Issue: Etiology and Prevention

Nancy Buermeyer
The Breast Cancer Fund
\$345,000

Epigenetic Markers for Pesticide Exposure and Cancer Risk

Award type: CBCPI Biomarkers - Request for Proposals
Priority Issue: Etiology and Prevention

Hannah Park
UC Irvine
\$1,249,970

Germline EDC Exposure & Breast Cancer Risk in the 3Gs Study

Award type: CBCPI Risk Assessment - Request for Proposals
Priority Issue: Etiology and Prevention

Barbara Cohn
Public Health Institute
\$1,071,257 (under negotiation)

PAHs and Puberty in Girls at Increased Breast Cancer Risk

Award type: CBCPI Biomarkers - Request for Proposals
Priority Issue: Etiology and Prevention

Esther John
Cancer Prevention Institute of California
\$1,519,889

Partnership to Advance Breast Cancer Research

Award type: CBCPI Convener - Request for Qualifications
Priority Issue: Etiology and Prevention

Heather Sarantis
Commonweal
\$128,763

Policy Initiative

Access to Breast Cancer Oncology Care in California

Award type: Policy Award – Request for Bids
Priority Issue: Community Impact of Breast Cancer

Ninez Ponce
UCLA
Award: \$92,416
Supplement: \$26,000

Total Award: \$118,416

2016 CBCRP Funding by Institution

The following **16 California research institutions and community organizations were awarded new CBCRP funding in the 2015-2016 grant cycle.** Community Research Collaboration (CRC) grants may be split between institutions.

<u>Institution</u>	<u># of Grants</u>	<u>Amount</u>
Cancer Prevention Institute of California	2	\$1,614,068
Commonweal	1	\$128,763
Connecting to Care	1	\$110,037
Earth Island Institute	1	\$14,668
Kaiser Permanente Southern California Medical Group	1	\$1,199,287
K'ima:w Medical Center	1	\$82,500
Mixteco/Indigena Community Organizing Project	1	\$188,841
Public Health Institute*	3	\$1,230,356
Stanford University	2	\$260,100
The Breast Cancer Fund	1	\$345,000
UC Davis	1	\$93,750
UC Irvine	1	\$1,249,970
UC San Diego	1	\$210,715
UCLA	2	\$653,075
UCSF	1	\$956,774
University of Southern California	1	\$1,603,826

*Total for this institution is subject to change following final negotiations of award amounts.

2016 CBCRP application evaluation process & review committee rosters

CBCRP thanks the participants in our 2016 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

Chair:

Tom Webster, D.Sc.

Professor
Boston University School of Public Health
Department of Environmental Health
Boston, MA

Scientific Reviewers:

Sherrie Flynt Wallington, Ph.D.

Assistant Professor
Georgetown University Medical Center
Department of Oncology
Program Director and Health Communication,
Georgetown Lombardi Comprehensive Cancer
Center
Washington, DC

Laundette Jones, Ph.D.

Assistant Professor
University of Maryland School of Medicine
Department of Epidemiology and Public Health
Baltimore, MD

Grace Sembajwe, D. Sc.

Professor
CUNY Grad School of Public Health and Health
Policy
Department of Environmental, Occupational and
Geospatial Health Sciences
Hunter College
New York, NY

Armin Weinberg, PhD

Clinical Professor, Baylor College of Medicine
Adjunct Professor, Rice University (Kinesiology
and Human Performance)
Adjunct Professor, Texas A&M School of Public
Health (Health Promotion & Community Health)
Houston, TX

Advocate Reviewers:

Patricia O'Brien, PhD

Vermont Cancer Network
University of Vermont
Burlington, VT

Susan Pelletier

Patient Advocate
Vermont Breast Cancer Coalition
Stockbridge, VT

California Advocate Observer:

Ghecemy Lopez, M.A. Ed.

Cancer Information and Resource Navigator
USC Norris Comprehensive Cancer Center
Los Angeles, CA

Clinical, Prevention & Biological Sciences Review Committee

Chair:

Douglas Yee, M.D.

Professor of Medicine and Pharmacology
Masonic Cancer Center
University of Minnesota
Minneapolis, MN

Scientific Reviewers:

Patrick Bolan, Ph.D.

Associate Professor
Center for Magnetic Resonance Research
University of Minnesota
Minneapolis, MN

Abenaa Brewster, M.D., M.H.S.

Professor
Department of Clinical Cancer Prevention
The University of Texas MD Anderson Cancer
Center
Houston, TX

Qihong Huang, M.D., Ph.D.

Associate Professor
Molecular and Cellular Oncogenesis Program
Department of Tumor Microenvironment and
Metastasis
The Wistar Institute
Philadelphia, PA

Shelley Hwang, M.D., MPH

Professor
Department of Surgery
Duke University, School of Medicine
Department of Surgery
Durham, NC

Peter Kabos, M.D.

Assistant Professor
Division of Medical Oncology
University of Colorado, Denver
School of Medicine - Division of Medical Oncology
Aurora, CO

Amos Sakwe, Ph.D.

Assistant Professor
Department of Biochemistry and Cancer Biology
Meharry Medical College
Nashville, TN

Eva Marie Sevick, Ph.D.

Professor and Director
The Brown Foundation Institute of Molecular The
University of Texas Health Science Center
Medicine
Houston, TX

Bryan Welm, Ph.D.

Associate Professor of Surgery
Huntsman Cancer Institute
University of Utah
Salt Lake City, UT

Siyuan Zhang, M.D., Ph.D.

Nancy Dee Assistant Professor
Department of Biological Sciences
University of Notre Dame
South Bend, IN

Advocate Reviewers:

Candy Ciamillo, R.N., B.S.N., M.S.N., A.N.P., C.P.H.Q.

Johns Hopkins Breast Cancer Center
Baltimore, MD

Valerie Fraser

Inflammatory Breast Cancer International
Consortium
Huntington Woods, MI

Eunice Hostetter

Susan G. Komen Foundation
Kirkland, WA

Kimberly Newman-McCown

Susan G. Komen Foundation
Melrose Park, PA

Ad-Hoc Reviewer:

Gloria A Bachmann, M.D.

Interim Chair, Department of Obstetrics,
Gynecology & Reproductive Sciences
Associate Dean for Women's Health
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

Identify Novel Biomarkers of Breast Cancer Risk Related to Environmental Exposures Review Committee

Chair

Melissa Troester, Ph.D.

Associate Professor
Department of Epidemiology
Gillings School of Global Public Health,
University of North Carolina
Chapel Hill, NC

Scientific Reviewers:

Christine B. Ambrosone, Ph.D.

Senior Vice President for Population
Sciences
Chair, Department of Cancer Prevention and
Control Roswell Park Cancer Institute
Buffalo, NY

Robert Clarke, Ph.D., D.Sc.

Dean for Research
Professor of Oncology
Georgetown University Medical Center
Washington, DC

Gertraud Maskarinec, MD, PhD

Professor, Cancer Epidemiology
University of Hawaii Cancer Center
Honolulu, HI

Sallie Smith Schneider, Ph.D.

Director, Biospecimen Resource and
Molecular Analysis Facility
Baystate Medical Center
Springfield, MA

Laura N. Vandenberg, Ph.D.

Assistant Professor
School of Public Health & Health Sciences
Department of Environmental Health Science
University of Massachusetts Amherst
Amherst, MA

Advocate Reviewers:

Marjorie Gallece

Manager
Williamson County Client Services Breast
Cancer Resource Center
Austin, TX

Candace Zito-Gihooly

Breast Cancer Network of Strength
Cary, IL

Ad-Hoc Reviewer

Costel C. Darie, Ph.D.

Associate Professor & Lead, Biochemistry &
Proteomics Group
Department of Chemistry & Biomolecular
Science
Clarkson University
Potsdam, NY

David Dix, Ph.D.

Director, Office of Science Coordination and
Policy
US Environmental Protection Agency
Washington, DC

Leena Hilakivi-Clarke, Ph.D.

Professor of Oncology
Lombardi Comprehensive Cancer Center
Georgetown University School of Medicine
Washington, DC

Impact of Chemical Policy to Reduce or Eliminate Exposures Linked to Breast Cancer Review Committee

Chair

Rachel Massey, M.Sc, MPAff

Senior Associate Director and Policy
Program Manager
Massachusetts Toxics Use Reduction
Institute
University of Massachusetts Lowell
Lowell, MA

Scientific Reviewers:

Nicholas Ashford, Ph.D.

Professor of Technology and Policy
School of Engineering
Massachusetts Institute of Technology
Cambridge, MA

Dorie Apollonio, Ph.D.

Associate Professor
Department of Clinical Pharmacy
University of San Francisco
San Francisco, CA

Advocate Reviewer:

Christine Carpenter, Ed.S.

Advocacy Chair
Cedar Valley Cancer Committee's Beyond
Pink TEAM
Cedar Falls IA

California's Breast Cancer Primary Prevention Plan Review Committee

Scientific Reviewers:

Robert Daly, MD

Chief Fellow
University of Chicago School of Medicine
Chicago IL

Beverly Levine, Ph.D.

Research Associate
Wake Forest University School of Medicine
Winston-Salem NC

Mary C. White, ScD, MPH

Chief
Epidemiology and Applied Research Branch
Division of Cancer Prevention and Control
Centers for Disease Control and Prevention
Atlanta, GA

Advocate Reviewer:

Roberta Gelb

Advocate
Chelsea Office Systems, Inc.
New York, NY

Improving Breast Cancer Risk Assessment to Identify High-Risk Individuals Review Committee

Chair

Beti Thompson, Ph.D.

Member, Associate Program Head, Cancer Prevention Program
Professor, Health Services
Fred Hutchinson Cancer Research Center
University of Washington
Seattle, WA

Scientific Reviewers:

Rulla Tamimi, Sc.D.

Associate Professor, Department of
Epidemiology
Harvard T.H. Chan School of Public Health
Cambridge, MA

Advocate Reviewer:

Ann Fonfa, BPS

Founder and President
The Annie Appleseed Project
Delray Beach, FL

Kala Visvanathan, MD MHS

Professor
Bloomberg School of Public Health
Johns Hopkins University
Baltimore, MD

Policy Initiative 'Policy Teams' Request for Qualifications

Chair

Diana Petitti, MD, MPH

Adjunct Professor
Department of Biomedical Informatics
Arizona State University
Phoenix, AZ

Scientific Reviewers:

Sally McCarty, MA

Senior Research Fellow
Center on Health Insurance Reforms
Georgetown University Health Policy Institute
Indianapolis, IN

Advocate Reviewer:

Christine Carpenter, Ed.S.

Advocacy Chair
Beyond PINK Team
Cedar Falls, IA

Joel Tickner, Sc.D.

Associate Professor
University of Massachusetts Lowell
Department of Community Health and
Sustainability
Lowell, MA

Policy Research Advisory Group

Garen Corbett, MS

Director, California Health Benefits
Review Program
University of California, Office of the President
Oakland, CA

Angela M. Gilliard, JD

Legislative Director for UC Health
UC Office of the President
State Government Relations
Sacramento, CA

Citseko Staples Miller

Senior Specialist
American Cancer Society Cancer
Action Network, Inc.
Washington DC

Diane Griffiths

Office of Sen. Robert M. Hertzberg
Sacramento, CA

Usha Ranji, MS

Associate Director, Women's Health Policy
Kaiser Family Foundation
Menlo Park, CA

Nancy Buermeyer

Senior Policy Strategist
Breast Cancer Fund
San Francisco, CA

Karren Ganstwig

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

Rose Marie Colbert

ABC/African American Community Group of the
Central Coast

Lori Marx-Rubiner

Breast Cancer Social Media

Janice Mathurin

Director of Operations
West Fresno Health Care Coalition

Sharima Rasanayagam, Ph.D.

Director of Science
Breast Cancer Fund

Joan Venticinque

Bay Area Cancer Connections

Richard Jackson, M.D., M.P.H.

Professor
UCLA-Fielding School of Public Health

Kristiina Vuori, M.D., Ph.D.

President
Sanford-Burnham Medical Research Institute

David Wellisch, Ph.D.

Professor
UCLA-David Geffen School of Medicine

Nonprofit Health Organization

Representatives

Dave Hoon, Ph.D.

Director, Molecular Oncology
John Wayne Cancer Institute at Providence Saint
John's Health Center

Eileen Schnitger

Director of Public Policy and Public Relations
Women's Health Specialists of California

Medical Specialist

Jon M. Greif, DO, FACS

Bay Area Breast Surgeons, Inc.

Industry Representatives

Marjorie Green M.D.

Medical Director
Genentech

K. Alice Leung, M.B.A.

Founder and Principal
Sapientiae

Scientist/Clinicians

Marjorie Kagawa-Singer, Ph.D.

Professor Emerita
UCLA School of Public Health

Jeffrey Wasserman, Ph.D.

Vice President
RAND Corporation

California Breast Cancer Research Program Staff

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

Director

Lisa Minniefield

Program Specialist

SPECIALRESEARCH INITIATIVES

Carmela Lomonaco, Ph.D.

COMMUNITY INITIATIVES

Senaida Fernandez, Ph.D.

CORE FUNDING

Katherine McKenzie, Ph.D.

