

2012 CALL FOR APPLICATIONS

CYCLE 18

CALIFORNIA BREAST CANCER RESEARCH PROGRAM



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NEW for 2012!

- IDEA–competitive renewals have been discontinued.
- CBCRP's requirements for advocacy involvement are more specific and detailed on Page 3.

CBCRP Background

The California Breast Cancer Research Program (CBCRP) is pleased to present our 2012 Cycle 18 *Call for Applications*. **The CBCRP funds research only in California.**

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

In 1993, California breast cancer activists joined forces with scientists, clinicians, state legislators, and University of California officials to catapult the state into national leadership for breast cancer research. The activists, most of them

women who had survived or currently had breast cancer, were impatient with the slow pace of progress against the disease. With their allies, they wrote and won passage of statewide legislation to push breast cancer research in new, creative directions. The California Breast Cancer Act increased the tobacco tax by 2¢ per pack, with 45 percent of the revenue going to the CBCRP. We also receive support from donations to a designated line on State income tax returns and private contributions. The CBCRP has provided more than \$220 million in research funds since 1995.

CBCRP Research Funding Priorities for 2012

In March 2010, after three years of intense analysis, our Breast Cancer Research Council launched a bold, new funding strategy to focus on CBCRP successes and California's unique research opportunities. (Read our [New Fund-](#)

[ing Strategy](#) publication for more information). The projected distribution of CBCRP funding allocated to our award types and initiatives is shown below in the following table.

CBCRP Award Types and Initiatives	Projected Amount Available in 2011–2012
IDEAs and Translational Awards	Up to \$2 Million
Community Research Collaborations (CRC Pilot and Full Awards)	Up to \$2 Million
CBCRP Conference Award	\$50,000
Special Research Initiatives (environment, disparities & prevention)	Up to \$4.1 Million*
Health Policy Initiative	\$150,000**

* The SRI funds are distributed off-cycle on a project-specific basis, and individual initiatives are funded annually for varying amounts. See the [CBCRP website](#) for more information.

Contact SRI@cabreastcancer.org to be included on the mailing list for SRI funding announcements.

** Contact healthpolicy@cabreastcancer.org to be included on the mailing list for Health Policy Initiative funding announcements.

Letter of Intent (LOI) and Application Deadlines

Applications and LOIs, except the CRC pre-application research plan, must be submitted online through [Altum proposalCENTRAL](#). Forms and instructions for LOIs will be available by September 1 on both [proposalCENTRAL](#) and [CBCRP's website](#).

Please note:

- ▶ The **CBCRP has only one funding cycle per year** with the submission deadlines listed in the Table below.
- ▶ The IDEA and Translational Research Awards **require a “letter of intent” (LOI)** and a subsequent invitation from the CBCRP to submit a full application. We expect to issue invitations to approximately half of those who submit LOI's.

CBCRP Program (= Award Type)	Application item	Submission date
Community Research Collaborations (CRC): Pilot and Full Awards	Pre-application research plan (optional)*	October 25, 2011
	Full application	February 15, 2012
IDEA and Translational Research Award	LOI (required)	October 25, 2011
	Full application	February 15, 2012
Conference Awards*	Full application	November 8, 2011**

* Participation is optional, and is appropriate for applicants who would like to receive feedback on their research plan prior to a full submission.

** Contact conferenceaward@cabreastcancer.org for information on Conference Awards.

Application Review and Funding Process

Before applying to the CBCRP for grant funding, you should consider our program's background, funding strategy, and existing portfolio. Our focus is specifically targeted to breast cancer, so researchers outside this field should cultivate collaborations or develop preliminary data in breast cancer *prior to applying*. Make sure your research interests and project match our priority issues and award types presented in this booklet.

We encourage applicants to contact the CBCRP Program Officers at 888-313-2277 to discuss any questions about the selection of priority issue and award type.

To get a feel for our funding interests, we invite you to review the CBCRP-funded portfolio on our Web site (www.cabreastcancer.org/research/). We are interested in funding novel topics not yet represented in the portfolios of the CBCRP or other funding agencies. It is especially important for applicants who have received prior CBCRP funding to distinguish a newly submitted project from past projects. We also encourage you to inspect your topic area on the International Cancer Research Portfolio (ICRP) Web site: <https://www.icrpartnership.org/>.

Applicants should carefully consider our evaluation and funding process. All applications except conference awards

will be reviewed for scientific merit and programmatic relevance in multiple steps.

- **LOI review** (IDEA and Translational Research Awards only) by CBCRP council and invitation to apply to those most responsive to program award type, research priority issue (topic), and plans for advocacy inclusion, etc. Feedback will not be provided.
- Application **peer review** by out-of-state researchers and advocates to rate applications for scientific merit attributes (e.g. impact, translation, approach, partnership, etc.) and provide written feedback.
- **Final programmatic review** by council for programmatic relevance, portfolio balance, and advocacy inclusion, and funding recommendations.

It is a combination of scientific merit and programmatic responsiveness that determines a decision to offer funding. Applicants will receive a detailed peer review evaluation summary with key points from the review committee discussion and information on the programmatic review/funding decision.

Advocacy Involvement in LOIs, Applications, and Funded Research

Why does the CBCRP care about Advocacy Involvement?

One of our founding principles is to fund research that will make an immediate impact on breast cancer. We believe that the best way to achieve this goal is to utilize the talents and knowledge of all members of the breast cancer community. Advocates are closest to the practical applications of the research findings and can identify the needs of patients, families, and communities that still have to be addressed. They help to ensure that the research is relevant and that the research findings are applied as soon as it is feasible.

What does advocacy involvement do for researchers?

- Focuses research on questions of greatest relevance
- Strengthens research plans (e.g., increases validity of survey instruments, improves recruitment and retention, encourages culturally sensitive interpretation of findings)
- Enriches interventions (improved effectiveness and cultural appropriateness)
- Pushes research findings to practical applications
- Facilitates more effective dissemination of research findings to affected communities, health care providers, and policymakers

What does advocacy involvement do for communities?

- Informs lay people about the research that affects their lives, families, and communities
- Empowers advocates to guide the breast cancer research agenda to answer their questions
- Increases the application of evidenced-based research to create changes to public health and policy

The CBCRP was established through the efforts and dreams of breast cancer advocates, and we are deeply committed to advocate involvement in all aspects of our program. Advocates from outside of California participate in the peer review of every application, and California-based advocates represent one-third of the CBCRP council membership. The CBCRP expects that research projects should be directly informed by the experiences and knowledge of patient-survivors. Therefore, we expect breast cancer and community health advocates to be actively involved in the research we review and fund.

CBCRP staff can assist you with meeting this requirement. Here are CBCRP's requirements for advocacy involvement:

- **LOIs** (IDEA and Translational awards). The minimum requirement is that the PI contact an appropriate advocacy group and obtain their agreement to review and provide input during the project planning phase prior to a full application submission (if the LOI is approved).
- **IDEA and Translation award full applications.** The minimum requirements are a meeting or detailed discussion (phone or e-mail) between the PI and the advocacy organization prior to application submission, a detailed description of how advocates will be involved, and a letter of support or e-mail from the advocacy group(s) to be included in the appendix of the application for confirmation. The advocate(s) participating in the project should

be identified by name and included in the budget for their time and effort as consultants on the project.

- **Active grants** starting in 2012. Regular planned meetings (quarterly is recommended) between the designated representatives of advocacy organization(s) and the PI to discuss project progress and gain input. The advocates should review the annual progress report and provide input before it's submitted to CBCRP.
- **Community Research Collaborations.** The minimum requirement is that the community member is an equal partner in the investigative team. The community partner must have a history of advocacy-related work specific to breast cancer and significant ties to the community being researched. The investigative team should involve the larger community in the project (e.g. through the establishment of a community advisory board).

To better understand advocacy concerns and search for advocacy contacts we recommend starting with organization web sites, such as:

- <http://betweenwomen.net> Between Women (Brawley)
- <http://www.bcaction.org/> Breast Cancer Action (San Francisco)
- <http://www.bcconnections.org/> Breast Cancer Connections (Palo Alto)

- <http://www.breastcancerfund.org> The Breast Cancer Fund (San Francisco)
- <http://www.cabco-org.us/> California Breast Cancer Organizations (CABCO)
- <http://www.labca.org/> Los Angeles Breast Cancer Alliance
- <http://www.sistersnetworkinc.org> Sister's Network (San Francisco and American Canyon)
- <http://www.komen.org> Susan G. Komen for the Cure® (there are local affiliates throughout CA)
- <http://www.y-me.org/> Y-ME National Breast Cancer Organization (there are two affiliates in northern CA)
- <http://www.youngsurvival.org> Young Survival Coalition (Bay Area and San Diego affiliates)
- <http://www.zerobreastcancer.org> Zero Breast Cancer (San Rafael)

Many other advocacy organizations in California operate locally and are appropriate. If you are doing research on a specific populations group, you should include an advocacy organization that represents that population.

CBCRP's Research Priority Issues

To be responsive and eligible for funding, each applicant must explain how their proposed research addresses one or more of our priority issues. The descriptions below are intended to cover broad breast cancer research topics and the examples provided are not all inclusive.

1. The Community Impact of Breast Cancer: The Social Context

Overview: What are factors that contribute to the unequal burden of breast cancer among diverse communities? Are there policy alternatives that would contribute to reducing disparities in access to prevention, detection, treatment, support, and/or survivorship services for California's underserved populations? What is the influence of poverty, race/ethnicity, and environmental factors on breast cancer? What are the sociocultural, behavioral, and psychological issues of those affected by breast cancer and what services are needed to reduce the suffering caused by the disease? We encourage health policy; health services; and sociocultural, behavioral, and psychological research that address disparities and the burden of breast cancer among California's diverse communities.

Specific topics include:

- **Health Policy**

We encourage research examining the impact of public and private health policy on issues related to prevention, detection, and treatment of breast cancer as well as research into the formulation of policy alternatives that would reduce disparities related to prevention, detection, and treatment of breast cancer.

- **Health Services**

We encourage research examining the delivery of breast cancer-related services and how to most effectively deliver services, especially to the underserved.

- **Sociocultural, Behavioral and Psychological Issues Relevant to Breast Cancer: The Human Side**

We encourage research into the sociocultural, behavioral, and psychological issues of those affected by breast cancer or at high risk for the disease. Research that examines patient and practitioner interactions, enhancing quality of life, long-term survival, and participation in clinical research is encouraged, especially research addressing the needs of high-risk and underserved populations.

- **Disparities: Eliminating the Unequal Burden of Breast Cancer**

We encourage research that aims to reduce disparities in breast cancer incidence, morbidity, and mortality. These include disparities in access to prevention, treatment, and/or survivorship services based on factors related to race/ethnicity, socioeconomic status, geographic location, sexual orientation, ability, age, occupation, and/or other factors. Intervention research that reduces disparities is encouraged.

2. Etiology and Prevention: Finding the Underlying Causes

Overview: What environmental and biological factors interact to increase the risk of developing breast cancer? What approaches can be used to reduce or eliminate breast cancer risk? We especially encourage new California-based studies that seek an understanding of the environmental and lifestyle causes of breast cancer, and how these factors increase risk and impact different California communities.

Specific topics include:

- **Etiology: The Role of Environment and Lifestyle**

We encourage studies on breast cancer initiation that may be due to environmental exposures that subject women to agents that they, as individuals, cannot control. Other key topics of interest include breast cancer causes related to lifestyle (e.g., diet, exercise) and the underlying metabolic, hormonal, and environmental interactions. Studies on causative gene-environment interactions specific to breast cancer, especially those having the potential to lead to prevention strategies, are encouraged.

- **Prevention and Risk Reduction: Ending the Danger of Breast Cancer**

Research exploring methods to prevent breast cancer or reduce risk, including elimination of external causative factors and the identification of surrogate markers for use in prevention trials are encouraged. Examples include nutritional factors, xenoestrogens, exercise, studies of genetic variation, and methods to modify known breast cancer genes and risk factors.

Note: Basic science research (e.g., using molecular, cell, and animal models) on the genetic, "mechanistic" causes of breast cancer (e.g., p53 and BRCA genes) should be submitted under the [Biology of the Breast Cell](#) topic.

3. Biology of the Breast Cell: The Basic Science of the Disease

Overview: Although basic science research in cancer is well-supported by other agencies, there remains a critical need to understand the pre-neoplastic, causative events of breast cancer at the tissue level, including the stroma. The genetic changes in disease progression and the tumor heterogeneity need clarification at the basic science level. Breast cancer stem cell research is especially encouraged.

Specific topics include:

- **Biology of the Normal Breast: The Starting Point**

Research should explore aspects of normal breast biology (e.g., aging) that are linked to the earliest stages of breast cancer, and which could provide insights into new approaches to prevent, detect, or treat the disease.

• **Pathogenesis: Understanding the Disease**

Research must specifically focus on breast cancer tumor and stromal biology, including: (1) studies of relevant proteins and genes with an emphasis on their relationship to the actual disease, and (2) elucidating key cell signaling, growth control, cell cycle, and apoptosis pathways. We especially encourage new research on the process of metastasis and the development of tools and models to better understand the key metastatic events that impact patient survival.

Note: IDEA applicants should emphasize the breast cancer-specific elements of the proposed research. .

4. Detection, Prognosis and Treatment: delivering clinical solutions

Overview: Clinical advances for breast cancer will utilize novel imaging technologies, new biomarkers, and genomic/proteomic approaches for more accurate diagnosis and prognosis. We encourage projects whose aims are on the critical path for translation. We support research into less

toxic and more individualized therapies, mechanisms of drug resistance, and studies to evaluate alternative medicines and natural products.

Specific topics include:

• **Imaging, Biomarkers, and Molecular Pathology: Improving Detection and Diagnosis**

We encourage research into new, cost-effective technological and biological approaches for molecular imaging and new approaches for tumor analysis at the individual patient level. This includes advanced types of molecular classification, new biomarker development, and improved technologies for patient diagnosis and prognosis, especially using techniques to replace the current practice of screening mammography and biopsy.

• **Innovative Treatment Modalities: Search for a Cure**

Promising leads from biology-based studies are encouraged to begin the critical path to clinical translation. Examples include immunotherapy, delivery technologies, gene therapy, new drug development/testing, and new approaches to clinical decision-making. Testing investigational anti-breast cancer agents for mechanism of action and identifying target patient populations are encouraged.

CBCRP's Award Types

The Community Impact of Breast Cancer: the social context

Purpose/Requirements: The California Breast Cancer Research Program (CBCRP) believes that communities affected by breast cancer can take a leading role in research into the disease. Since 1997, our Community Research Collaboration (CRC) awards have funded community organizations—such as a breast cancer advocacy organizations, community clinics, and other organizations serving women with breast cancer—to work in teams with well-trained, experienced research scientists. The teams work collaboratively through each stage of the research process, including: decision-making on which breast cancer questions are most important to them, determining the best research methods to use to answer these questions, gathering and interpreting data, and communicating findings to other community members, scientists, and the public. CRC teams have carried out sound and reliable research, and have generated results that can be applied to other communities. CRC teams are realizing the CBCRP's vision of funding innovative and important research that will reduce the suffering caused by breast cancer, by combining the existing knowledge, interest, expertise, and resources of communities and research scientists.

We invite you to become part of this tradition of innovative, community-based participatory research by applying for a CRC award. More information about the CRC awards, including issues to consider and the types of projects we fund, can be found on our website at www.cabreastcancer.org/community/.

Two CRC funding mechanisms are available:

- The **CRC Pilot award** supports the initial phase of the project, which includes strengthening collaborations, developing feasible methods and tools, and collecting pilot data.
- The **CRC Full award** funds projects with a fully developed research plan and supporting preliminary data, carried out by a well-integrated, experienced team of scientists and community members.

Project Duration & Budget Caps:

CRC Pilot award

- 18 months maximum duration
- Budget cap for *total project* direct costs is \$150,000.

CRC Full award

- 3 years maximum duration
- Budget cap for *total project* direct costs is \$600,000

For both types of CRC awards, indirect (F&A) costs are allowed for all institutions, except UC campuses.

Technical Assistance: Resources are available at the CBCRP to help CRC applicants with finding a partner, thinking through research ideas or partnership plans, and preparing applications for the CRC awards. We offer one-on-one assistance, teleconference workshops and an optional pre-application research plan review for those teams wishing to receive feedback prior to the actual application submission. Contact Senaida Fernandez at crcinfo@cabreastcancer.org or by calling (888) 313-BCRP (2277) to learn more about technical assistance opportunities. Additional information on technical assistance can be found at www.CABreastCancer.org//community/TechAssist.php.

Translational Research Award

Purpose/Requirements: The CBCRP is committed to supporting research that is on a “critical path” for practical application. Translational research to be supported by the CBCRP should have the potential for major impact in the areas of: (1) prevention, detection, diagnosis, or treatment of breast cancer; (2) improved quality of life for survivors; (3) reduction in the community and social burden caused by the disease in California, or (4) advances in medical practices, health systems changes, health policies, or environmental modifications. To distinguish “translational research” from other types of research funding, the CBCRP will require the applicant to present a “critical path” that maps how the project fits along a defined research continuum leading to practical applications. We welcome applicants from all disciplines, including: basic/clinical sciences, behavioral/social sciences, public health/community-based health sciences, and health policy.

More information about the Translational Research Award, including its background, objectives, and criteria, can be found on our website: <http://www.cbcrp.org/apply/aboutAwards.php>.

Project Duration & Budget Caps:

- **3 years** maximum duration
- **Budget cap for total project direct costs is \$750,000**
Indirect (F&A) costs are allowed for all institutions, except UC campuses.

To qualify for full application a “letter of intent” (LOI) must be submitted by the deadline. The information presented in the LOI must:

- Describe the *translational potential and impact specific to breast cancer* in the designated research topic
- Focus on the study of human subjects. *Support for projects using cell or animal models is not allowed*
- Show evidence of PI qualifications for translational research and propose a project not fully supported by the PI’s other funding
- Show evidence of involvement of advocates. Specifically, the investigator must describe the role of advocates in the project design and implementation, and include any specific advocate involvement in past and current research by the applicant.

LOI decisions and invitations to submit a full grant application will be communicated to PIs in December, 2011.

Innovative, Developmental and Exploratory Awards (IDEA)

Purpose/Requirements: To support speculative, exploratory, high-risk/high-reward projects with a *primary focus on breast cancer*. Applications for this award type should challenge existing paradigms, represent a new direction for the PI, and encourage innovation by the incorporation of techniques and approaches not yet well represented in mainstream breast cancer research. We encourage researchers to attempt breakthroughs that, if successful, could be leveraged into more substantial funding. **Both estab-**

lished researchers and new investigators (see below) are welcome to apply.

Examples of research **not responsive** to the IDEA are projects that: (1) propose incremental advances for the underlying topic, (2) duplicate the aims of completed or funded research to the PI derived from non-breast cancer studies without incorporating detailed breast cancer-specific justification, (3) overlap in topic and aims with current grant support to the applicant, or (4) represent portions of existing grants or are derived from larger, R01-type projects. *To be maximally responsive to the IDEA funding mechanism, the applicant must either be previously trained and have published in breast cancer or collaborate with an established breast cancer researcher.* IDEA applicants are required to explain how the research project is on a “critical path” to substantially advance the topic under investigation.

IDEAs for new investigators:

Researchers at a career level beyond postdoctoral training and less than three years as an independent investigator, or entering research from another field, are encouraged to apply for IDEA grants. During the peer review process, the applicant’s prior research history and accomplishments will be rated less stringently than for IDEAs from established investigators.

Project Duration & Budget Caps:

- **18 months** maximum duration
- **Budget cap for total project direct costs is either \$100,000 or \$150,000** (higher cap is for projects using animal or human subjects). Indirect (F&A) costs are allowed for all institutions, except UC campuses.

To qualify for full application, a Letter of Intent (LOI) must be submitted by the deadline. The information presented in the LOI must:

- Provide a brief *background, rationale or purpose for the project specific to breast cancer* in lay terms
- Describe a *novel, innovative topic or approach* for the proposed research that is linked to a CBCRP priority issue
- Explain how the project is a key portion of the “critical path” from basic knowledge, hypothesis-testing to a practical application specific to breast cancer at either the patient or community level
- Involvement of advocates—Describe the role of advocates in the project design and implementation, and include any specific advocate involvement in past and current research by the applicant

LOI decisions and invitations to submit a full grant application will be communicated to PIs in December, 2011.

CBCRP Conference Awards

Purpose/Requirements: To inform, stimulate ideas, and foster research specific to breast cancer. Successful events will be designed to address one or more of the following goals:

- Highlight resources particular to California

- Encourage new collaborations
- Recruit high quality researchers to the field
- Examine and create solutions for disparities/inequities
- Inspire paradigm-shifting research
- Inform policy
- Promote translational and/or outcome driven research

At least one major objective of the conference or event must focus on breast cancer and at least 50% of the event must be devoted to accomplishing the breast cancer objective(s).

Funding preference will be given to events that bring together people with different perspectives who do not usually meet and exchange views, and to events that are more likely to lead to new research projects and new collaborations.

Some format options for the Conference Award include: (1) a symposium with formal presentations and targeted breakout sessions, (2) a retreat that emphasizes less formal interactions, or (3) a conference style 'roundtable' discussion of pertinent issues without pre-existing leadership roles established. It is expected that researchers, breast cancer advocates/activists, and the general public will be included in the meeting planning, organization and participation.

The event organizers must designate a specific use of the CBCRP funds (e.g. scholarships, a specific session or activity) and give the CBCRP name recognition for it in event materials. The requested budget can exceed the cost of the particular session or activity, but the additional items must also be distinguished from the overall budget. An awards banquet or reception is not appropriate for sponsorship.

CBCRP staff must be included in the event planning and implementation and attendance by members of CBCRP staff and council must be permitted. The CBCRP will require a written report upon the completion of event activities within 60 days of the final meeting, and a fiscal report is due within 90 days.

Budget: Up to **\$25,000 in direct costs** will be awarded. F&A (indirect) costs are not allowed. The CBCRP will distribute up to \$50,000 in Conference Awards each year.

Evaluation and funding: Applications will consist of a conference plan (seven page limit with two additional pages for references) and supplementary forms. Applicants must list the major event objectives in the conference plan, identify the objectives that focus on breast cancer and describe how the event will accomplish the breast cancer objectives. The application will be evaluated based on the following criteria:

- Portion of the event that is focused on breast cancer (at least 50% of the event must be devoted to breast cancer objective(s) to be eligible for the award)
- Relevance of the major event objectives to the Conference Award goals
- Relevance of the event topic(s) to CBCRP research priority issues
- Strength of outreach to ensure representation from new disciplines, especially for disciplines not now integrated into breast cancer research
- Potential of the event to generate new ideas and facilitate collaboration

- The extent to which the activities that would be covered by the CBCRP funds are integral to the success of accomplishing the breast cancer objectives
- Qualifications and background of the applicants/event organizers
- Involvement of advocates

The CBCRP's council will evaluate Conference Award applications according to the criteria and make the funding decision. If an award is made, then it can take up to three months to disburse funds. Please contact Katherine McKenzie at conferenceaward@cabreastcancer.org or (888) 313-BCRP (2277) for questions.

Special Research Initiatives

Purpose/Requirements: The Special Research Initiatives designed to support coordinated, directed, and collaborative research on the role of the environment and disparities in breast cancer, and primary prevention of the disease. The purpose is to leverage California's unique and diverse geographic, population, and research resources to support critical studies that significantly move these fields forward and create solutions. More information about the SRI is available on our website www.cabreastcancer.org/sri/

Funding opportunities for the Special Research Initiatives will be posted on [our website](#) when the information becomes available. Potential applicants are encouraged to join the mailing list by signing up at www.surveymonkey.com/s/SRIS-takeholderInputListserv.

More information about the SRI aims and background is available on our website www.cabreastcancer.org/sri/.

The CBCRP currently reserves 50% of annual research funds for the SRI. Three award mechanisms are used:

- Request for Qualifications (RFQs) to solicit applications to identify the most qualified researcher to conduct studies with specific pre-determined research questions and plans.
- Program Directed Awards (PDAs) to fund crucial projects identified during the SRI strategy development proposed by the Steering Committee and approved by the CBCRP advisory council.
- Request for Proposals (RFPs) investigator-initiated applications, similar to our Core Funding, responding to a specific initiative topic.

As with other CBCRP award mechanisms, applications are reviewed and scored for scientific merit by out-of-state external reviewers to minimize possible conflicts of interest, and the final funding recommendations are made by CBCRP's council.

Health Policy Initiative

Purpose/Budget: Up to \$150,000 will be allocated annually for a rapid-response mechanism to fund health policy research issues as identified by the CBCRP council.

Funding opportunities for the Health Policy Initiative will be posted on our website (www.cabreastcancer.org) when the information becomes available. Those interested in learning more as details as this Initiative develops are encouraged to contact healthpolicy@cabreastcancer.org to receive updates on this process.

General Information

Note the following eligibility requirements and conditions for receiving grant support from the CBCRP.

For questions about application requirements or procedures, email us at getinfo@cabreastcancer.org or call 888-313-2277 (BCRP).

Who May Apply

1. Any individual or organization in California may submit an application. The research must be conducted primarily in California. We welcome investigators from community organizations, public or privately-owned corporations and other businesses, volunteer health organizations, health maintenance organizations, hospitals, laboratories, research institutions, colleges, and universities.

2. We encourage researchers new to breast cancer to apply. We recommend that applicants who have limited experience in scientific research or in scientific grant-writing collaborate with established breast cancer researchers in order to maximize specificity and impact on breast cancer.

3. Re-submissions and previously funded PIs: All awards are open to re-submission from any previous grant cycle. Any resubmission for IDEA and Translational Research Awards must go through the LOI process.

Previously-funded PIs are eligible to apply for new projects with distinct aims from the previous CBCRP grants.

4. Multiple applications and grant limits: A PI may submit more than one application, but each must have unique specific aims. For Cycle 18, a PI is limited to a *maximum of two (2) grants either as PI or co-PI, and these must be in different award types.* The Conference award, Health Policy, and SRI grants are not included in this limit. A PI may have more than one SRI grant in a year.

Conditions of Awards

1. All grant recipients must satisfy the standard requirements for receiving an award or modified requirements, if appropriate, as determined by the University of California. These requirements include fiscal management, accounting practices, liability insurance, bonding, indemnification of the UC Regents, non-discrimination in employment, and assurances regarding the treatment of animal or human subjects. Applicants do not have to meet these requirements at the time an application is reviewed, but no grant will be awarded until they are satisfied. Also, before an award is disbursed, a prospective grant recipient must satisfy certain stipulations (see application information packet). The CBCRP staff will provide information to assist prospective recipients in satisfying these stipulations.

2. Grant recipients are required to attend the 2013 CBCRP Research Symposium (planned) and must include travel costs for this in the grant budget. In addition, grant recipients may be asked to present their work at other CBCRP-related functions.

3. Intellectual Property: CBCRP does not retain rights to a funded grant's intellectual property. Patentable inventions or discoveries conceived or reduced to practice shall belong to the grant recipient. Copyright works are the property of the recipient. Other discoveries made or reduced to practice which may not be protected by patent or copyright, such as biological materials, plasmids, and cell lines, remain the property of the recipient to be licensed in the public interest. The recipient shall use reasonable efforts to achieve expeditious practical application of the patents, copyrights, and tangible research results.

Support the CBCRP!

We need your support because our principal source of revenue from the State tax on tobacco decreases every year. Here's how to help:

- **Donate Online.** Go to our website: <http://www.CABreastCancer.org/> and select the "Donate Online" link
- **California State Income Tax Return.** Use line 405 on Form 540 to contribute to the California Breast Cancer Research Fund
- **Other donations.** Send checks payable to "The Regents of the University of California" with a letter designating

the funds for the California Breast Cancer Research Program to:

**California Breast Cancer Research Program
University of California, Office of the President
300 Lakeside Drive, 6th Floor
Oakland, CA 94612-3550**

We encourage you to participate in events that designate the California Breast Cancer Research Program (CBCRP) as a featured beneficiary.

*The CBCRP appreciates your
generous contributions!*



California Breast Cancer Research Program
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