

CBCRP Policy Initiative

Artificial Light Pollution and Breast Cancer

**Informational Webinar for
Prospective Applicants**

Agenda

- The California Breast Cancer Research Program (CBCRP)
 - CBCRP Program-Directed Initiatives
 - CBCRP Policy Initiative
- Artificial Light Pollution and Breast Cancer
 - Funding Opportunity Overview
 - Details from the RFQ
 - How Grants are Evaluated
 - Important Dates
- Resources for Submitting an Application in SmartSimple

California Breast Cancer Research Program (CBCRP)

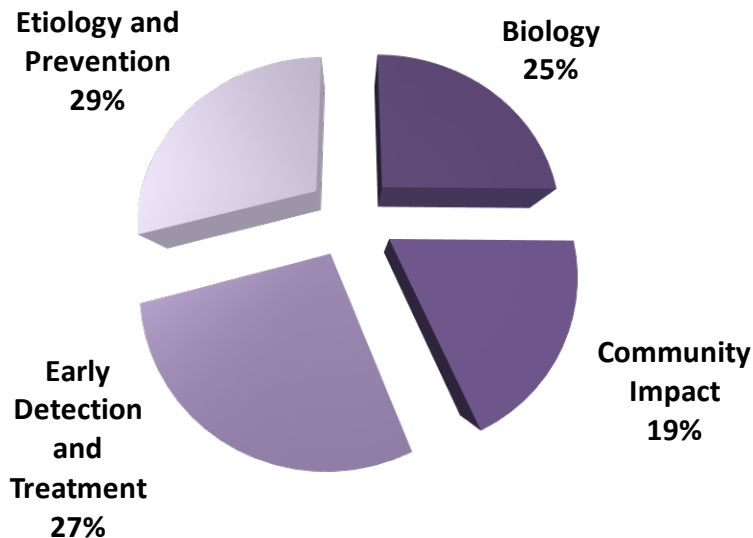
- Founded in 1993
 - breast cancer activists, scientists, clinicians, state legislators, and University of California officials collaborated to win passage in the state legislature of the California Breast Cancer Act.
 - funded by a tax on tobacco products, voluntary state personal income tax form check-off, and individual contributions.
 - tax check-off has drawn over \$11 million for breast cancer research.
- Grown to become one of nation's largest state-funded breast cancer research effort
- Among the largest breast cancer research funders in the world
- Ninety-five percent of our revenue goes directly to funding research and education efforts

Mission: to prevent and eliminate breast cancer by leading innovation in research, communication, and collaboration in the California scientific and lay communities



Since 1994, CBCCRP has funded

- Over 1,200 grants
- Totaling over \$290 million
- To over 840 academic & community researchers
- At over 170 institutions across the state



CBCRP Policy Initiative

Vision

To close the gap between research and policy by funding research that contributes to creating an environment in California that leads to less breast cancer.

Purpose

To fund directed policy research on issues related to the prevention, detection, and treatment of breast cancer, as well as research into the formulation of policy alternatives that will reduce the incidence of and/or morbidity and mortality from breast cancer in California.

The goal is to allow breast cancer-related policy changes to be grounded in science that is timely, relevant, and credible

Policy Research Advisory Group (PRAG)

- Guide the Policy Initiative – deciding on project topics, reviewing applications and providing recommendations for funding to the CBCRP Council
- Composed of California-based policymakers, representatives of organizations involved in breast cancer-related policy development, and advocates.
- Members of the CBCRP Council's Policy Committee serve as ex-officio members of the PRAG.

<https://www.cbcrp.org/priorities/sri/policy/prag.html>

Artificial Light Pollution and Breast Cancer Overview

Aim: To examine the awareness of the impact of light-at-night on breast cancer and other health outcomes, how that awareness can be enhanced, what policies and best practices exist to decrease exposure to light-at-night and how such breast practices can be more widely disseminated and adopted in California.

Budget: Up to \$150,000 direct costs plus separate \$50,000 direct costs dissemination plan budget

Length: 6 months

Eligibility:

- Any individual or organization in California may submit an application.
- The research must be conducted primarily in California.

Artificial Light Pollution and Breast Cancer

Research Questions

1. What is the awareness of the impact of light-at-night on breast cancer and other health outcomes among the public, employers of shift-workers, worker protection agencies, unions, and policy makers? How can that awareness be enhanced?
2. To what extent does/should OSHA and CA-OSHA address light-at-night?
3. What are the best practices and strategies in dark sky policies or municipal use of nighttime lights (including around warehouses and public housing) that have successfully reduced light pollution in communities?
4. Did these best practices and strategies incorporate health effects, including breast cancer risk, in their justifications?
5. How are these interventions distributed in neighborhoods/jurisdictions of marginalized/vulnerable communities compared with more privileged communities?
6. How can these best practices and successful strategies be more widely disseminated and adopted? Would incorporating health effects aid in their adoption?

Artificial Light Pollution and Breast Cancer

Approaches and Methods

Project plans should incorporate the following activities:

- Assessment of awareness of the impact of light-at-night on breast cancer and other health outcomes by a variety of stakeholders and develop strategies on increasing that awareness.
- A literature review on interventions and strategies to reduce artificial light pollution in communities or enhance dark skies
- An analysis of the success of such policies – including the integration of quantitative (e.g. statistical analysis of intervention outcomes) as well as qualitative (e.g. Interviews and focus groups with relevant communities) data.
- Identification of strategies on how successful intervention strategies could be more widely disseminated and used

Artificial Light Pollution Community Engagement

- Partnership with an Advocacy and/or Community Organization that can engage appropriate stakeholders and partner in policy development and implementation is a requirement for this award.
- This may be accomplished by having the Community Organization serve as the applicant organization or receive a subcontract as a Co-Investigator.
- The community organization should be involved in the development of the project, goals, aims, and research questions and should drive the identification and definition of community needs and health equity imperatives.
- Community members and advocates should be compensated as experts.

Artificial Light Pollution Dissemination and Public Engagement Plan

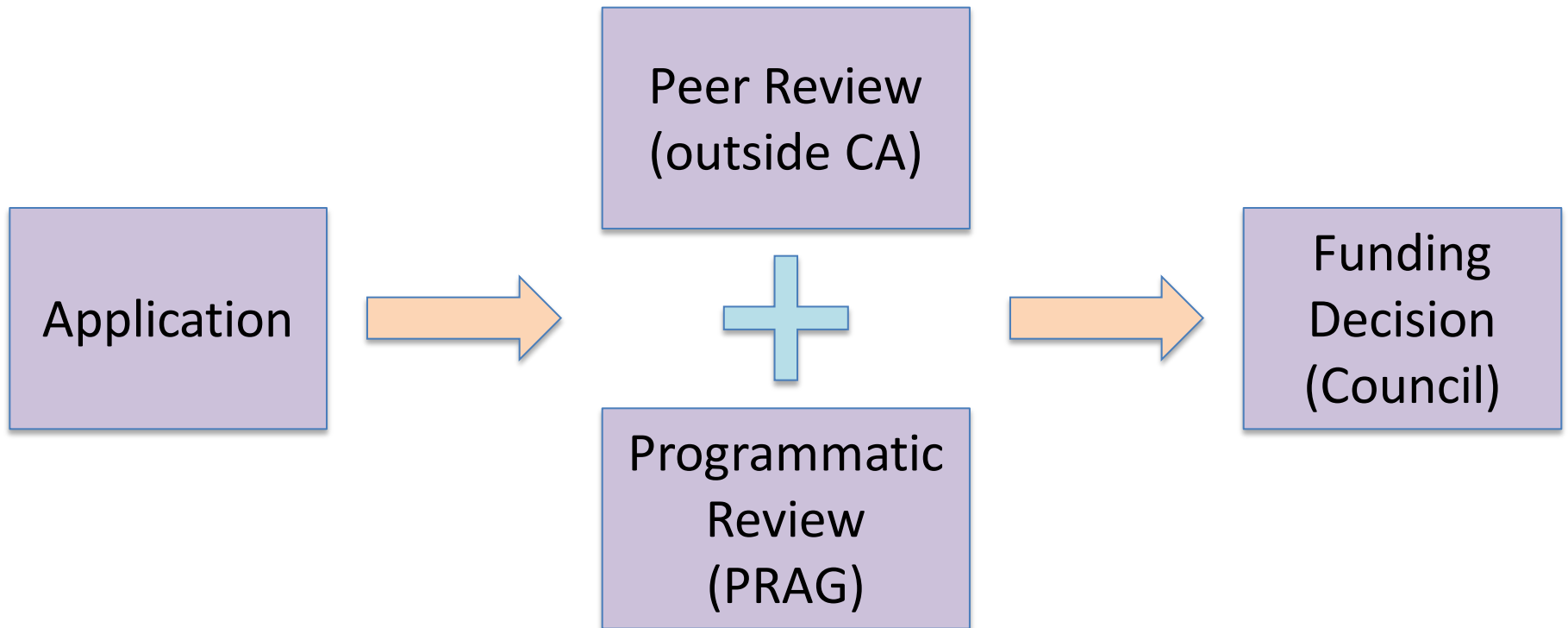
Dissemination and Public Engagement is a critical element of this initiative. Applicants should:

- Present a complementary **draft** Dissemination and Public Engagement Plan for the project with the initial application.
- Prepare a separate, non-binding, non-guaranteed **draft** budget (Max. direct costs of \$50,000) and budget justification.

Successful applicants will submit an updated, detailed Plan with specific stakeholders, activities and final budget for approval with the Final Report at the end of the six-month project.

Questions?

Two-Tier Evaluation Process



Addressing Disparities in Genomic Testing of Tumors

Review Criteria

	Criteria
Peer Review	<ul style="list-style-type: none">• Approach• Feasibility• Potential for Policy Implementation
Programmatic Review	<ul style="list-style-type: none">• Responsiveness• Lay Abstract• Diversity, Equity and Inclusion• Community Involvement• Dissemination and Implementation Potential

Application Components

Form/Attachment	Review
Lay Abstract	Peer and Prog. Rev.
Scientific Abstract	Peer and Prog. Rev.
Budget and Justification	Peer Only
Research Plan	Peer Only
Program Responsiveness	Peer and Prog. Rev.
Community Engagement	Peer and Prog. Rev.
Biosketches	Peer and Prog. Rev.
Facilities	Peer Only
Human Subjects	Peer Only
Appendix	Peer Only

Important Dates

	Date
Applications due	August 8, 2024 (12 pm noon PT)
Notification of funding status	November 1, 2024
Project start date	December 1, 2024

Questions?

How to submit a proposal in SmartSimple

Research Grants Program Office (RGPO) Contracts and Grants Unit (C&G)

- C&G works in collaboration with CBCRP, serving as interface on administrative and procedural aspects your **Application** submission and review process.
- Contact information:
 - **Email: RGPOgrants@ucop.edu** (Best method)
 - SmartSimple application system:
<https://rgpogrants.ucop.edu>

Artificial Light Pollution and Breast Cancer Questions and Additional Information

Applications are due no later than August 8, 2024 (12 pm noon PT)!

Useful links:

- SmartSimple application system: <https://rgpogrants.ucop.edu>
- Webinar “[How to use SmartSimple to Submit an Application](#)”
- Artificial Light Pollution and Breast Cancer: <https://www.cbcrp.org/funding-opportunities/health-policy-initiative/>
- Additional funding opportunities: [cbcrp.org/funding-opportunities/index.html](https://www.cbcrp.org/funding-opportunities/index.html)

For programmatic questions, contact Sharima Rasanayagam, CBCRP Program Officer:

- Sharima.Rasanayagam@ucop.edu

For questions about Smart Simple, technical issues, or application instructions and forms, contact Research and Grants Program Office Contracts and Grants unit:

- RGPOgrants@ucop.edu