

Shift Work and Breast Cancer Risk

Informational Webinar for Prospective Applicants

Agenda

- The California Breast Cancer Research Program (CBCRP)
 - CBCRP Program-Directed Initiatives
 - Preventing Breast Cancer Initiatives (PBC)
- Shift Work and Breast Cancer Risk
 - Overview
 - Research Questions and Suggested Approaches
 - How Grants are Evaluated
 - Important Dates
- Resources for Submitting an Application in SmartSimple

California Breast Cancer Research Program (CBCRP)

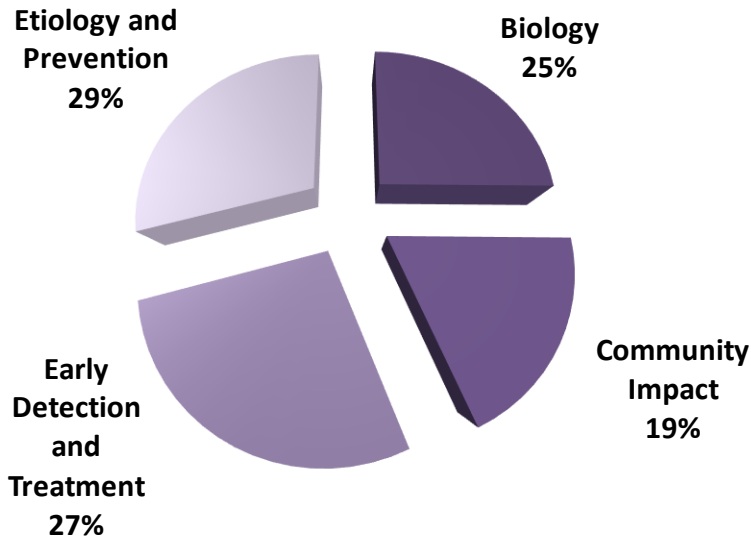
- Founded in 1993
 - breast cancer activists, scientists, clinicians, state legislators, and University of California officials collaborated to win passage in the state legislature of the California Breast Cancer Act.
 - funded by a tax on tobacco products, voluntary state personal income tax form check-off, and individual contributions.
 - tax check-off has drawn over \$13 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 140 institutions across the state



Program-Directed Initiatives

Vision

To identify and support research strategies that increase understanding of, and **create solutions to**, environmental links to breast cancer and fundamental causes of health disparities in breast cancer.

Goals

- Support a coordinated statewide effort to explore innovative ideas and new theories
- Leverage California's unique and diverse geographic and population resources
- Undertake critical studies that significantly move these fields forward

First round launched in 2004; second round in 2010



Preventing Breast Cancer (PBC):

Community, Population, and Environmental Approaches

In 2015

CBCRP's Council approved a third round of Program Initiatives, devoting 50% of funds (~\$20 million) to:

- Identify and eliminate **environmental contributors** to breast cancer
- Identify and eliminate fundamental causes of **health disparities** with a focus on breast cancer in California
- Develop and test **population-level prevention interventions** that incorporate approaches to address the needs of the underserved and/or populations experiencing disparities in the burden of breast cancer

In 2020 and 2021

CBCRP's Council approved 10 concept proposals to stimulate research in these three areas, including:

- *Shift Work and Breast Cancer Risk*

Shift Work and Breast Cancer Risk Overview

Overall Aim:

Project Type 1: To determine whether breast cancer risk is higher among individuals in the workforce who occupy low-wage hourly positions with histories of unpredictable shifts (i.e., those controlled by employers).

Project Type 2: To develop intervention(s) for known risk(s) associated with night shift work and test for intervention feasibility and acceptability.

For both types of project, we are expecting investigators to collaborate with workers/community members using community-partnered participatory research methods (CPPR) for the development of study questions and protocols and interpretation (including language) and dissemination of results.

Intergenerational Transmission of Breast Cancer Health Inequities Overview

Available Funds:

CBCRP intends to fund up to two projects with a maximum duration of two years at a maximum total direct cost of \$300,000 for Project Type 1 and \$350,000 for Project Type 2.

Eligibility:

- Any individual or organization in California may apply.
- The research must be conducted primarily in California.

Intergenerational Transmission of Breast Cancer Health Inequities

Research Teams:

- Up to 2 community-partnered participatory research teams
- Each team will need at least one community Co-PI and at least one academic Co-PI.
 - Community-level stakeholders (e.g., residents, community leaders, community-based organizations)
 - Academic partners with relevant experience and expertise for the proposed project
- Interdisciplinary teams recommended with relevant expertise in breast cancer quantitative and qualitative research including epidemiology, statistics, intervention development and evaluation in collaboration with community stakeholders.

Community-Partnered Participatory Research

- An **equal** partnership between academic Co-PI and community Co-PI
- Partnership works together to:
 - Identify the research question
 - Develop the research plan
 - Carry out the research
 - Interpret the results
 - Disseminate the results



The CPPR team

Academic Co-PI & Staff

Community Co-PI, Staff, Clients, Community Members



Illustration: Ojima Abalaka



Shift Work and Breast Cancer Risk

Specific Aims

Project 1: Low-wage Shift Work and Breast Cancer

Determine whether breast cancer risk is elevated among individuals who work in low-wage hourly jobs with histories of unpredictable shifts (i.e., those controlled by employers) that disrupt circadian rhythm.

Project 2: Night Shift Work and Breast Cancer

Develop and pilot an intervention to reduce or minimize known BC risk(s), particularly light at night associated with shift work and associated body-clock disruptions, and test for the intervention feasibility and acceptability.

Shift Work and Breast Cancer Risk Approaches

Suggested approaches include:

Project 1: Low-wage Shift Work and Breast Cancer

- Use secondary data to investigate the link between low-wage unpredictable shift work and breast cancer. For instance, link data from the California Cancer Registry with State employment data such as the O*NET database or other datasets which could be matched using Standard Occupational Classification (SOC) codes.

Project 2: Night Shift Work and Breast Cancer

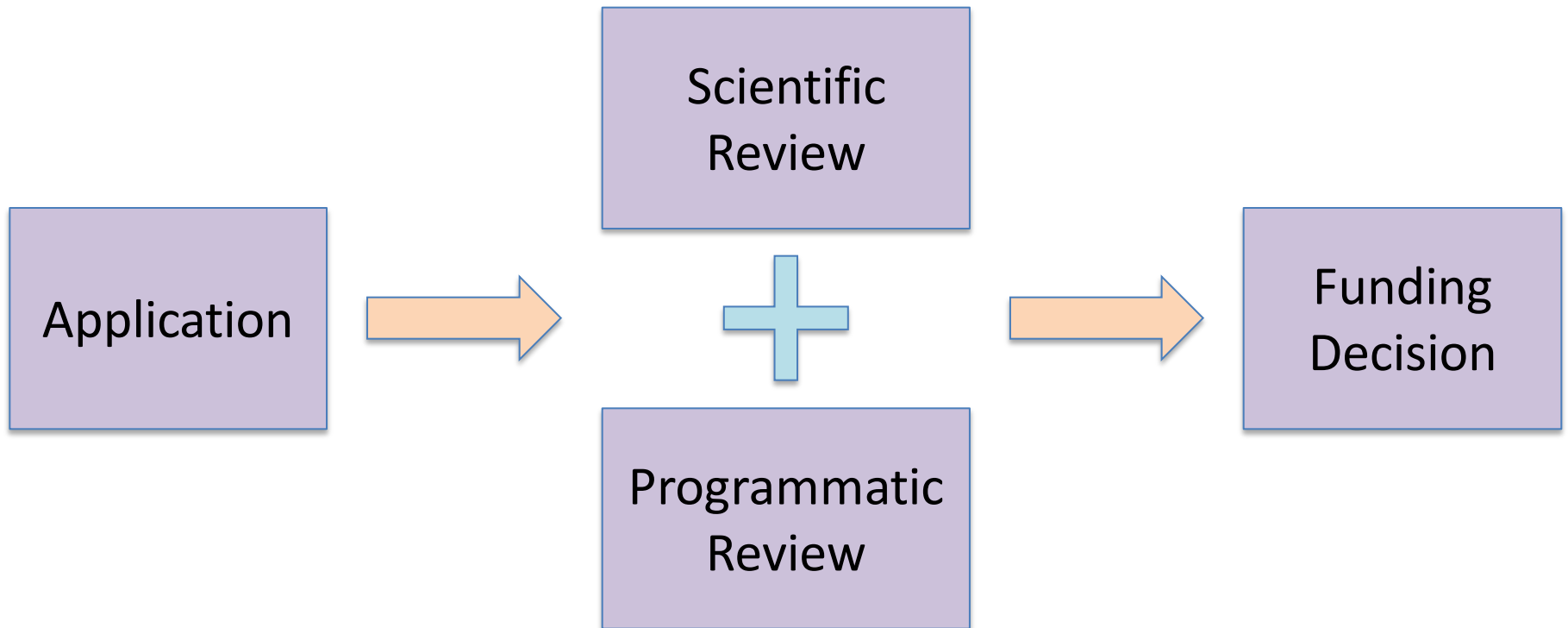
- Applicants should propose interventions that modify or reduce the impact shift work has on the sleep-wake cycle and ultimately risk of breast cancer.
- New ideas from communities/stakeholders or from other disciplinary perspectives are welcome
- Pilot intervention projects should be informed by literature reviews and well-designed stakeholder input
- Proposal must include a plan for partnering with the community of interest and other key stakeholders and how they will participate actively in the design, development and initial testing of the intervention.

Shift Work and Breast Cancer Risk

Dissemination Plan

- Proposals must include a dissemination plan and should discuss if the dissemination plan will be ongoing throughout the project or at the end and justify the frequency of the dissemination elements.
- Each plan should specify who on the project will be part of the dissemination team, who will be the target audience including non-research audiences, especially workers, their representatives, community members, and policy makers.
- The dissemination plan requirements should take into account audiences, messages, channels, milestones, and appropriate resources to reach milestones.

Two-Tier Evaluation Process



Intergenerational Transmission of Breast Cancer Health Inequities: Review Criteria

	Criteria
Scientific Review	<ul style="list-style-type: none">• Partnership• Community Benefit• Quality of the Research• Feasibility
Programmatic Review	<ul style="list-style-type: none">• Responsiveness• Lay Abstract• Diversity, Equity and Inclusion• Community Involvement• Dissemination and translation potential

Application Components

Form/Attachment	Requirement
Lay Abstract	Required (Prog Rev)
Scientific Abstract	Required (Prog Rev)
Budget and Justification	Required
Research Plan	Required
Program Responsiveness	Required (Prog Rev)
Collaborative Agreements	Required (Prog Rev)
Biosketches	Required (Prog Rev)
Facilities	Required
Human Subjects	Required
Appendix	Optional

Important Dates

	Date
Applications due	August 2, 2023 (12 pm noon PT)
Notification of funding status	November 1, 2023 (<i>at the latest</i>)
Project start date	January 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)

Key Dates & Tips

Award Type	Application Deadline
Shift Work and Breast Cancer Risk	August 2, 2023, 12pmPT
Convener on Fertility Preservation for Young Breast Cancer Patients	August 2, 2023, 12pmPT

- All materials must be submitted through SmartSimple
- Detailed instructions are provided on the CBCRP website and in SmartSimple
- **Start early** to become familiar with SmartSimple
- **Submit early**: No late applications will be accepted

Accessing SmartSimple

Login to SmartSimple: <https://rgpogrants.ucop.edu/>

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CALIFORNIA

**Returning users
login here**

Welcome to Research Grants Program Office | UCOP

The Research Grants Program Office (RGPO) oversees a broad grantmaking portfolio of over \$100 million a year to support research that is critical to California, the nation and the world. RGPO programs enhance University of California's research capacity and excellence, which helps attract top faculty, graduate students, government funding and companies to our state.

The SmartSimple Grants Management System is now accepting letters of intent (LOIs) and applications for the Tobacco-Related Disease Research Program (TRDRP). For information regarding the 2019 call for applications, please visit TRDRP's website at www.trdrp.org

Principal Investigator Registration

Register Here

**First-time users
register here**

Login to SmartSimple

Email:

Password:

Enter Password

Login

[Forgot Password?](#)

Security

Creating an Account on SmartSimple

<https://rgpogrants.ucop.edu/>

Enter your institution and complete your applicant contact information.

If you receive a message that an account with your email address already exists, return to the main login page and click **“Forgot Password.”**

Institution Information

Instructions
Please start typing the name of your institution. A dropdown list will appear, in order to select your institution. If the name does not exist, [search the IRS database.](#)

* Institution Name

Contact Information

* Email

* First Name

* Last Name

* Address


* City

* Country
United States

* State / Province
-- Select One --

* Zip / Postal Code

* Telephone Number

I'm not a robot 

Submit

Preparing and Submitting an Application

UNIVERSITY OF CALIFORNIA

Privacy & Security Jane Doe 1

Home Available Funding Opportunities Historical Applications

Available Funding Opportunities

List of available funding opportunities below includes both open and upcoming in the Pacific Time Zone.

#	Name	Description	Policies and Guidelines	Deadline	Application Deadline	Info	Apply
1	CBCRP 2020 - Innovative, Developmental, and Exploratory Award (IDEA)	The Innovative, Developmental, and Exploratory Award (IDEA) supports speculative, exploratory, high-risk/high-reward projects with a primary focus on breast cancer.	PLACEHOLDER_UPLOAD.pdf	10/24/2019 12:00:00	03/05/2020 12:00:00	Info	Apply
2	CBCRP 2020 - Translational Research Award	Translational research to be supported by the CBCRP should have the potential for major impact in the areas of: (1) diagnosis, or treatment of breast cancer; (2) reduction in the community of breast cancer survivors; (3) reduction in the community of breast cancer survivors; (4) advances in systems changes, health policies or environmental changes that will impact public health outcomes. To distinguish this research from other types of research funded by the CBCRP, the applicant to present a "critical path" that will impact public health outcomes. To distinguish this research from other types of research funded by the CBCRP, the applicant to present a "critical path" that will impact public health outcomes. To distinguish this research from other types of research funded by the CBCRP, the applicant to present a "critical path" that will impact public health outcomes.			03/05/2020 12:00:00	Info	Apply
3	CBCRP 2020 - Conference Award	The Standard Conference Award is open to all faculty and staff with the capacity to host an event that satisfies the criteria for Applications.			03/04/2019 12:00:00	Info	Apply

1. Click on the **“Available Funding Opportunities”** tab in the upper right corner.
2. Find the row that corresponds to the award you’re interested in and click **“Apply.”**

Application Submission

Instructions can always be downloaded at the top of each page.

Complete each section of the application. ("Save Draft" frequently to save entered information; review & edit as needed.)

Preview

TITLE PAGE APPLICANT / PRINCIPAL INVESTIGATOR PROJECT INFORMATION PROJECT CONTACTS BUDGET ASSURANCES DOCUMENTATION SIGNATURE PAGE

Application ID: B26PW1210

* Project Title: RGPOTest - CBCRP Water STOY1

72 characters left

* Project Duration (year): -- Select One --

* Proposed Project Start Date: mm/dd/yyyy

When finished, click "Submit to Signing Official."

Download templates and upload all required attachments in the Documentation section.

NEXT >

Save Draft

Withdraw

Submit to Signing Official

Location of “In Progress” Applications

UNIVERSITY OF CALIFORNIA

Home Available Funding Opportunities Historical Applications

Jane Doe

My Applications

3 In Progress Applications

0 Submitted / Under Review Applications

0 Awarded Applications

Home Available Funding Opportunities Historical Applications

Privacy & Security

In Progress Applications

Search

#	RFP	Application ID	Project Title	Type	PI Name	My Role	LOI Deadline Date	FA Deadline Date	Status	
1	CBCRP 2020 - Translational Research Award	B26TR1219	RGPOtest CBCRP Translational	Translational Research Award	Nancy Chamberlain	Principal Investigator	10/24/2019	03/05/2020	Full Application Draft	Open
2	CBCRP 2020 - Hormones in Beef Initiative	B26PB1214	RGPOtest Hormones in Beef	Hormones in Beef Initiative	Nancy Chamberlain	Principal Investigator		12/05/2019	Full Application Draft	Open

1. When returning to continue a draft application, click on “In Progress Applications” on the Home page of SmartSimple.
2. Locate the row for your draft application. Click “**Open**” to continue full application and access instructions and templates.

Inviting Co-PI to an Application (or other roles with Edit/View Access)

UNIVERSITY OF CALIFORNIA

Privacy & Security Nancy Chamberlain_External Ap...

Home Available Funding Opportunities Historical Applications Open Calls (Testing)

Options 1 of 2

Main

Notes

Invite Personnel 1

B26BB1411 RGPO Test CBCRP CRC Pilot

i Add Personnel
Please input basic contact information First Name, Last Name, Email, and Role. An invitation email is triggered allowing the invited contact to accept or decline the invitation. The Status column will display the current status of the invitation. Once accepted personnel will be granted access (Roles and access are defined below).

Co-Principal Investigator: User can View/Edit the application.
Advocate: User can View the application.
Co-Investigator: User can View the application.
PI Assistant: User can View/Edit/Submit the application.
Referee: User can submit a blind letter of reference.
Mentor Referee: User can submit a blind letter of reference.

Prefix	First Name	Last Name	Email	Role	Status	
	Nancy	Chamberlain	Nancy.Chamberlain@ucop.edu	PI Assistant	Invited	✕
	Nancy	Chamberlain-External Applicant	gnarlynancy@gmail.com	Co-Principal Investigator	Accepted	✕

+

Save Invite 3

- 1) Select “Invite Personnel” in the left-hand column
- 2) Click on the “+” button and type in name, email, and role of your co-PI (or PI Assistant)
- 1) Select “Invite” to send them an email to accept access to the proposal

Confirming Addition of Co-PI

B26BB1411 RGPO Test CBCRP CRC Pilot

Preview

TITLE PAGE **1 APPLICANT / PRINCIPAL INVESTIGATOR** PROJECT INFORMATION PROJECT CONTACTS BUDGET ASSURANCES DOCUMENTATION SIGNATURE PAGE

The following information comes from your user profile. Click on your name in the upper right corner of this window and then select, "My Profile" from the resulting dropdown list to make changes to your profile.

2

Degrees:

Applicant Last Name: Chamberlain

Applicant First Name: Nancy

Applicant Institution: RGPOTest University 1 (a UC institution)

Email: [REDACTED]

Address: 300 Lakeside Dr., 6th floor

Phone: (510) 987-9047

Web Address:

ORCID ID:

Submitting PI Information

3

Degrees:

Institution	Year	Degree
	0	PhD

Applicant Last Name: Chamberlain_External Applicant

Applicant First Name: Nancy

Applicant Institution: RGPOTest University 1 (a UC institution)

Email: [REDACTED]

Address: 300 Lakeside Dr.

Phone: (510) 987-9047

Web Address:

co-PI Information

Save Draft

Budget Page with multiple budgets

B26BB1411 RGPO Test CBCRP CRC Pilot





 [CBCRP_Submission_Instructions_by_Award_Type.pdf](#)
21.3 KB - 10/18/2019 3:56pm

Total Files: 1

 Preview

TITLE PAGE APPLICANT / PRINCIPAL INVESTIGATOR PROJECT INFORMATION PROJECT CONTACTS **BUDGET** ASSURANCES DOCUMENTATION

Total Project Costs

Action	Owner - Institution	Total DC	Total IDC	Total
	Nancy Chamberlain - RGPO Test University 1 (a UC institution)	\$61,750	\$500	\$112,250
	Nancy Chamberlain_External Applicant - RGPO Test University 1 (a UC institution)	\$7,000	\$0	\$7,000
Total		\$118,750	\$500	\$119,250

Submitting PI budget

co-PI budget


CHECK Direct Cost Budget against Cap before Locking

Budget tab

Click the Budget tab

Click "Open" to start entering information

Templates and Instructions:

 [CBCRP_Submission_Instructions_by_Award_Type.pdf](#)
20.6 KB - 08/27/2019 12:49pm

INVESTIGATOR PROJECT INFORMATION PROJECT CONTACTS **BUDGET** ASSI >


Total Project Costs

Action	Owner - Institution	Total DC	Total IDC	Total
Open	Jane Doe 2 - MERCY HOUSING CALIFORNIA	\$141,750	\$42,225	\$183,975
Total		\$141,750	\$42,225	\$183,975

< BACK

NEXT >

Save Draft

 Withdraw

Submit to Signing Official


Budget tab – Adding Institution Contacts

Start typing the name of your signing official into the field and select from the list that populates. If you cannot find their name in the list, click “Can’t find Signing Official”, then click “Add Signing Official.”

INSTITUTION CONTACTS BUDGET SUMMARY BUDGET DETAILS SUBCONTRACTS


*** Signing Official**

This should identify the individual who is authorized to act for the Applicant Organization, and who will serve as the liaison to the grantor on official grant administration.

Search and select 


*** Fiscal Contact**

This should identify the individual at the Applicant Organization who will serve as the authorized representative for the Applicant Organization.

Search and select 

*** Contracts and Grants Contact**

This should identify the individual in the Applicant Organization’s Contracts and Grants Office, or an award be made, and who will serve as the liaison to the grantor on official grant administration.

Search and select 

Can't find the contact you're looking for?

Can't find Signing Official

Can't find Fiscal Contact

Can't find Contracts and Grants Contact

Add Signing Official

Budget tab – Editing the budget

Translational Research Award Application » **Budget**

[↑ Back to Application](#)



Budget Instructions:

Please open the budget and carefully read the limits set on the call for applications. If exceeded, system will alert and user is required to adjust the numbers.

[INSTITUTION CONTACTS](#)

[BUDGET SUMMARY](#)

[BUDGET DETAILS](#)

[SUBCONTRACT BUDGET DETAILS](#)

Please click the Edit Budget button below to enter your budget information.

[✎ Edit Budget](#)

Jane Doe 1 - MERCY HOUSING CALIFORNIA

Budget Summary

[Save Draft](#)

[Budget Complete](#)

Do not click “Budget Complete” until you have entered all the necessary budget figures and justification notes – clicking this button will lock your budget and you will not be able to make additional edits.

Budget tab – Editing the budget

Scroll down to
“Personnel Costs.”
Click “+” to add a new
row.

Entries will populate in
the budget summary at
the top of the page.

Enter budget
justification.

Repeat for all budget
categories.

Budget Detail Justification

The budget table on the top of this page is generated from expenses entered in the budget categories below. Please scroll down to the budget categories and click “+” to enter your expenses. Please note you must manually calculate and enter any indirect costs in the budget category section at the bottom of this page. For each budget category, provide all necessary justification. There is no character limit on the budget justification, though it should be concise.

The per year direct cost maximum is: \$250,000.00 The total direct cost maximum is: \$750,000.00

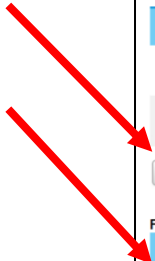
	Year 1	Total
Personnel Costs	\$2,000	\$2,000
Student Tuition Fees, Graduate Student Stipends	\$0	\$0
Other Project Expenses	\$0	\$0
Equipment	\$0	\$0
Travel Expenses	\$0	\$0
Subcontracts	\$0	\$0
Service Contracts and Consultants	\$0	\$0
Direct Costs	\$2,000	\$2,000
Modified Total Direct Costs (MTDC)	\$2,000	\$2,000
Indirect Costs (IDC) Total	\$0	\$0
Total Expenses	\$2,000	\$2,000

1. Personnel Costs (Salary and Fringe)

Salaries and Fringe Benefits	Year1	Total
Salary 1	\$2,000	\$2,000
	\$2,000	\$2,000

For each person supported by this grant, describe their contribution to the project.

Justification



Submit to Signing Official – Co-PI

B26BB1411 RGPO Test CBCRP CRC Pilot



Templates and Instructions:



[CBCRP_Submission_Instructions_by_Award_Type.pdf](#)

21.3 KB - 10/18/2019 3:56pm

Total Files: 1

Preview

[←](#) [PI / PRINCIPAL INVESTIGATOR](#) [PROJECT INFORMATION](#) [PROJECT CONTACTS](#) [BUDGET](#) [ASSURANCES](#) [DOCUMENTATION](#) **SIGNATURE PAGE**

* Co-PI Institution Signature Documents

Download the [Signature Page for Non-Submitting Institutions](#). Obtain the required ink signatures and upload a scanned copy here. A separate signed Signature Page must be uploaded for each non-submitting institution.



Submit to Signing Official – Submitting PI

Main

Notes

Invite Personnel



Call for Application Details

Name: TRDRP 2019A - High Impact Pilot Award
Type: High Impact Pilot Award
Deadline: 09/27/2018 12:00:00

Templates and Instructions:



IP_Application_Instructions.pdf
1,916 KB - 07/18/2018 6:32pm

Total Files: 1

Preview

TITLE PAGE APPLICANT / PRINCIPAL INVESTIGATOR PROJECT INFORMATION INSTITUTION CONTACTS BUDGET ASSURANCES DOCUMENTATION **SIGNATURE PAGE**

* Applicant Signature

Check the box to indicate that you acknowledge the statement below and type in your full legal name to serve as your electronic signature.

I certify that the statements herein are true, complete and accurate to the best of my knowledge. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. I agree to accept responsibility for the scientific conduct of the project and to provide the required progress reports if a grant is awarded as a result of this application.

* Applicant Electronic Signature (Type in your full legal name)

Jane Doe

* Date

07/19/2018

Save Draft

Withdraw

Submit to Signing Official

Shift Work and Breast Cancer Risk: Questions and Additional Information

Applications are due no later than August 2, 2023 (12 pm noon PT)!

Useful links:

- SmartSimple application system: <https://rgpogrants.ucop.edu>
- Webinar “[How to use SmartSimple to Submit a Partnered Application](#)”
- Shift Work and Breast Cancer Risk: <https://www.cbcrp.org/funding-opportunities/sri/shiftwork.html>
- Additional funding opportunities: 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