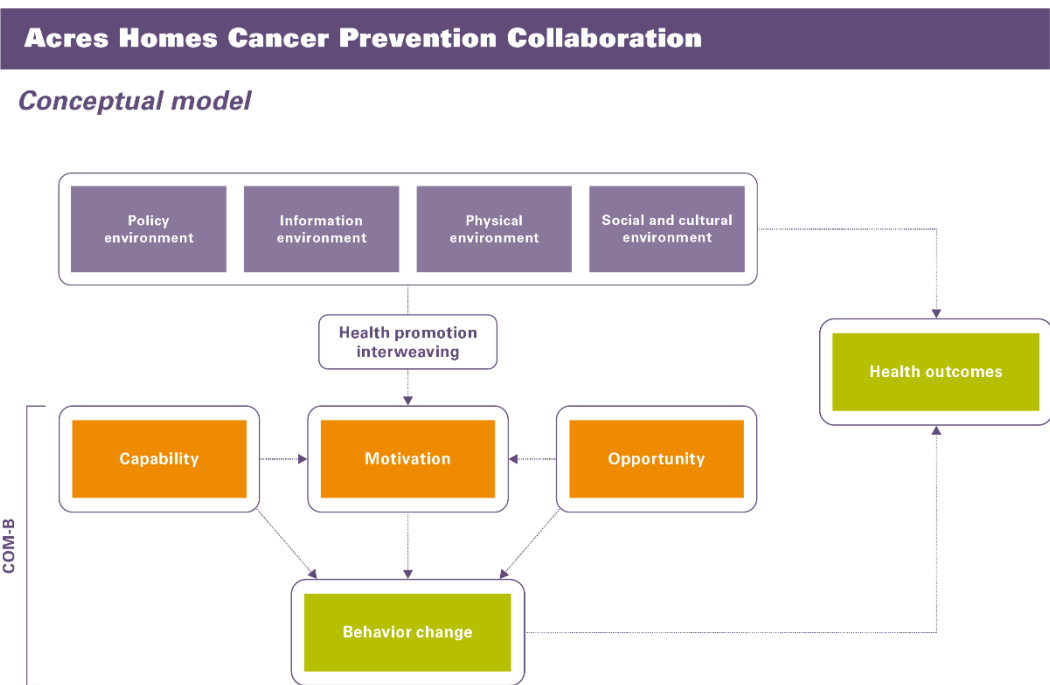


Acres Homes CPC Community-Engaged Research in Persistent Poverty (PP) Communities: Round 3 Pilot Projects

The Acres Homes Cancer Prevention Collaboration (CPC), a partnership of The University of Texas MD Anderson Cancer Center, UTHealth, The University of Texas Austin and Be Well™ Acres Homes, would like to invite you to submit a **proposal for a pilot project in cancer prevention and control with a focus on obesity-related cancer research in partnership with the Acres Homes (AH) community in Houston, Texas**. The objective is to advance cancer prevention-related research studies that hold promise to benefit the Acres Homes community and inform understanding and strategies for obesity-related cancer prevention and control for the AH community and other economically underserved communities. Projects should have the potential to yield preliminary data in a one-year timeframe and that have the potential to develop into externally funded, high-impact, translational cancer research and/or advocacy projects.

The conceptual framework for the Acres Homes CPC is guided by principles of health equity as well as the *health promotion interweaving into settings and environments* model, which suggests that our health and health behavior are influenced by settings (e.g. schools, faith-based institutions, neighborhoods, and workplaces) and the multiple environments within settings, including the information, policy, physical, and social/cultural/organizational environments.



Social determinants of health compose and interact with these environments to influence physical activity, nutrition and eating behavior, and obesity. Pilot projects should be related to at least one environmental aspect highlighted in the health promotion interweaving model and should describe the social determinants of health that will be considered by the project. Please see the articles below for a full description of health promotion interweaving.

Health Promotion Interweaving*
Information Environment
Social/Cultural/Organizational Environment
Physical Environment
Policy Environment

Social Determinants of Health**
Education Access and Quality
Health Care and Quality
Neighborhood and Built Environment
Social and Community Context
Economic Stability

* Health by Design: Interweaving health promotion into environments and settings, [Springer et al. Front Public Health, 2017 Sep 29;5:268](#) and Assessing environmental assets for health promotion program planning: a practical framework for health promotion practitioners, [Springer et al. Health Promotion Perspectives, 2016 Aug 10;6\(3\):111-8](#).

** As described by the CDC, May 15, 2024 ([link](#))

With foundation in a community-centered and place-based approach that moves from a sole focus on individuals to harnessing and activating environmental and social supports within the Acres Homes community for individual and community health promotion, the Acres Homes CPC community advisory board has identified the following priorities for new research. Proposals are welcomed that address one or more of these priorities:

1. Access to healthy food and acceptability of current food retailer options in Acres Homes
2. Barriers and facilitators for increasing utilization of SNAP/WIC programs
3. Effective methods of communicating cancer risk reduction strategies (e.g., healthy eating) among Acres Homes residents and combatting misinformation related to nutrition, physical activity, and cancer prevention
4. Park equity as it affects the Acres Homes neighborhood
5. Increased walkability in the Acres Homes community
6. Building on current research projects: [Brighter Bites and Active Living After Cancer](#)

Researchers should consider the relevance of their research to the community and pose questions and use methods that highlight and value the lived experiences of Acres Homes residents. Competitive proposals will consider how findings of the pilot study could be used by the community to advance the health and quality of life of the Acres Homes residents, with findings that could be used to inform communication and advocacy with local leaders related to addressing conditions that affect cancer control of obesity-related cancer.

GUIDELINES

One-year pilot project awards of up to \$75,000 will be made. Acres Home CPC anticipates it will fund up to 2 pilot awards.

Funds are provided by MD Anderson and subject to the specific requirements of this unique collaborative funding mechanism. Proposed budgets should only include direct costs. Funds not expended during the award period cannot be carried forward and will be swept back to the program.

When the application is ready for submission, email an electronic copy in PDF format with all documents combined in one file to mdlubin@mdanderson.org.

Letter of Intent: Due September 16, 2024

To begin planning for the review of your application and potentially spot issues you will need to address before you apply, we strongly encourage you to submit the letter of intent (LOI). Submission of an LOI is not binding and is not part of the application review. The Acres Homes CPC welcomes your application even if you chose not to submit the letter.

- Letter content: a one-page research overview to include the PI's name, name of the applicant institution, a descriptive title of the proposed activity, 3-5 sentence description of the project, and identify other key personnel and participating institutions.

Eligibility

Applications will be accepted from MD Anderson, UTHealth or UT Austin faculty at the level of Instructor or above, regardless of tenure status at the time of the submission deadline.

Eligible applicants may submit only one Pilot Project application per review cycle. Principal investigators may only hold one active pilot research award at a time. Investigators who have received previous pilot awards from the Acres Homes CPC are eligible to apply if they expect their first project to be completed (and funds expended) by April 30, 2025.

Proposal Due Dates

- Proposals are due on **Monday, November 18, 2024, by 5PM CST.**
- A complete electronic copy (add documents in one file) should be emailed to mdlubin@mdanderson.org

Acres Homes CPC Support

Awardees of the Pilot Projects will receive support related to conducting community research as a part of the Acres Homes CPC *Engagement Core*. This will include training on best practices in community research, warm connections to organizations working within Acres Homes, opportunities to help recruit for studies, and support from the Be Well Communities team throughout the project period. Reach out to beWellcommunities@mdanderson.org for more information.

The *Research and Methods Core* will support pilot awardees at no cost with comprehensive consultation such as sample size calculation, etc. Statistical support, survey creation or data analysis is available but would fall under compensated work and needs to be included in your budget.

Webinar

Specific questions about Be Well Acres Homes and this funding opportunity will be addressed in a webinar. Please email Rybecca Kirkpatrick at RGKirkpatrick@mdanderson.org to receive an invite to this event.

Award Timeline

Applications will be reviewed in January/February 2025. Notification of awards will be made in February 2025 and funding is expected to begin by May 1, 2025. Access to award funds is subject to review and receipt of all compliance documents.

APPLICATION FORMAT

Investigators must have an initial consultation with the Engagement Core before submission of their proposal. Email bellcommunities@mdanderson.org for more information.

Required Components:

1. **Abstract** summarizing the research question, the background of the project, the specific aims, the proposed approach, and the expected outcomes of the project (400-word maximum)
2. **Project Plan** inclusive of the following sections:
 - a. Specific Aims, Significance/Relevance, Innovation, Approach, Collaboration and Dissemination (5 pages maximum): define and explain the PP census tract areas' need for a cancer prevention research/control program, particularly of low-income and underserved populations, and what research gap this would address.
 - b. Provide a background statement on any relevant existing services or resources offered at the cancer center, and any staff expertise for the expansion or incorporation into a new program for this effort. Include a statement of the qualifications for the identified lead(s) of the program.
 - c. Timeline: Outline a work plan that provides a timeline for development and/or implementation of the research, which should include milestones for tracking the progress of the work.
 - d. Responsiveness to Community Priorities: provide a justification for the research partnership and their role (1/2 page)
 - e. Plans to Seek Extramural Funding (1/2 page)
 - f. References Cited (no page limit, does not count towards page limits)
3. **Budget (modular) with Justification**
 - a. Funds should be spent in one year. Allowable budget requests includes: salaries (must reasonably reflect the percentage of time actually worked on the project); project supplies (recruitment incentives, focus group supplies, etc.) services and minor equipment; participant support; patient care (contingent upon meeting compliance with applicable institutional and sponsor requirements); travel (allowed only for recruitment and data collection),
 - b. Not allowable: tuition, advertising, entertainment costs, gifts.For inquiries regarding other expenses email mdlubin@mdanderson.org
4. **NIH biosketches** for each investigator (5-page limit each).
 - a. A biosketch should be included for each key personnel involved with the project, including the community partner.
5. **Letters of Support from Community** (required if recommended by the Engagement Core if planning to work with specific community partner, 1-page maximum)

Only required for PI's who are awarded:

6. **Regulatory compliance information**, including Protection of Human Subjects, Vertebrate Animals

General Formatting Requirements: Minimum 0.5-inch margins and Arial 11-point font are required. (Smaller type size may be used for figures and legends.)

REVIEW CRITERIA

Overall impact with respect to significance, investigator(s), innovation, approach, collaboration, and environment will be reviewed. The likelihood of success for future funding (especially from the NCI and other cancer-focused funding agencies) will also be taken into consideration. Awards will be made based on a combination of scientific merit, feasibility, responsiveness to community needs, and Acres Homes CPC priorities.

Proposals will be reviewed by both scientific and community reviewers.

The Acres Homes CPC leadership will confirm awards based on merit and availability of funds, and with consideration for funding priorities, U54 portfolio balance and relevance to the Acres Homes community. Acres Homes CPC Leadership reserves the right to alter the award amount at any time.

Award Notices

A three-step approach is followed.

1. A scientific and community committee reviews and makes recommendations for proposals to move on to the next step: review by NCI. PIs will be notified of their proposal status.
2. The NCI PP Steering Committee reviews and approves or rejects Center submissions.
3. Notification in the form of a Notice of Award (NoA) will be provided to the applicant organization for successful applications.

Regulatory Approvals: For projects involving human subjects, vertebrate animals, and/or select agents research, prior IRB, IACUC, and/or IBC approval is not required at the time of application submission. However, it is expected that the appropriate protocols will be submitted so approval is imminent at the anticipated project start date. **All applicable institutional approvals must be in place before awarded funds can be released.** *IRB protocols must be submitted for review within 10 days of notice of selection and final IRB approval provided to Cancer Center administration within 60 days of notice of selection.*

PIs are responsible for exhausting the entire project funds within the project period. An NCE will not automatically be awarded.

Reports from Awardees

Recipients of this funding will be expected to submit written 1-2-page progress reports every quarter to include progress towards aims, barriers encountered, plans for the next quarter, and plans for publication and seeking extramural funds for a larger project informed by the pilot project outcomes. The Acres Homes CPC Developmental Core will have close collaboration with investigators to quickly understand barriers to progress and help address these. All investigators could be asked to provide an oral progress report at 6 months and at the end of year 1. The final report on the use of the funds and the outcome of the project must be submitted within 3 months after the end of the award period. A standardized report form will be sent to awardees before the end of the award period.

Acknowledgements

In all publications (abstract, poster, press release, etc.) of findings derived by the use of these funds, the following acknowledgement must be included; "This work was supported by a grant from the National Institutes of Health (NIH) National Cancer Institute (NCI) under award number 1U54CA280804-01. The contents of this work is solely the responsibility of the authors and do not necessarily represent the official views of the NIH." For biosketch purposes, this award should be referred to as "Acres Homes Cancer Prevention Collaboration award number 1U54CA280804-01."

APPENDIX Instructions for Preparing the Project Plan (Limit: up to five (5) pages, not including references)

- **Specific Aims:** Introduce the topic and specifically reference the relevance of the proposed research to cancer prevention; state what is known about the topic, and state what is not known (the gap in knowledge as related to the objective of your overall proposal). State the central hypothesis that you propose to test or the purpose of the overall proposal. It should be related to the gap in knowledge. List the Specific Aims by which you will test the hypothesis or accomplish your purpose. State your long-term goal. Identify the aspect—central hypothesis or one of the specific aims—for which you must develop preliminary data and explain why it is critical. Briefly elucidate the next step in your research and how these funds will assist you in reaching that step. Include plans to seek extramural funding to support next steps.
- **Significance/Relevance:** Briefly sketch the background of the proposal and critically evaluate existing knowledge. Describe the importance of the preliminary data to the success of the proposal. The preliminary data you expect to develop using the Acres Homes CPC funds.
- **Innovation:** Identify novel aspects of the research questions and methods for the proposed pilot.
- **Approach:** Describe the study design and the procedures to be used to accomplish the specific aims of the work described in the proposal. Describe the protocols to be used and tentative sequence of the investigation. Describe how the data will be

analyzed and interpreted. Describe new methodology and its advantage over any existing methodology. Discuss the potential difficulties and limitations of the proposed procedures and alternative approaches to achieve the aims. Discuss any relevant considerations for conducting this project in a PP community. Point out any procedures, situations, or materials that may be hazardous to personnel and the precautions to be exercised. Include a brief description of physical resources available if appropriate including the nature of access to and availability of any existing data. If collaborating with a community organization describe the organization and the nature of the collaboration.

- **Collaboration:** Cite names, departments, and institutions/organizations of collaborating investigators and community organizations. Provide reasons for collaboration and percent effort involved. Please include information about the type of organization that would be well suited to serve as a partner on this project. The Engagement Core will work to match projects with appropriate partner organizations as possible.
- **Dissemination:** Projects that are data based should include a plan for providing the data back to the community. How will data be shared? For example, this might include presentations to the steering committee or relevant community organizations, preparation of reports in lay language, etc.
- **References:** Cite published literature to support the scientific rationale and substantiate contentions, with either citation numbers in parentheses or as superscripts, and provide the complete references in a reference list at the end of the Research Plan.