Basic Biobehavioral and Psychological Sciences Branch (BBPSB)

cancercontrol.cancer.gov/brp/bbpsb

About BBPSB

Mission

BBPSB cultivates an extramural portfolio that generates basic behavioral, biobehavioral, and psychological science knowledge with translational relevance to cancer prevention and control.

Research Domains Cultivated by BBPSB

- Cognition, emotion, judgment, and decision-making related to cancer prevention and control
- Sensation, attention, and perception related to cancer prevention and control
- Biological pathways through which psychosocial stressors influence cancer biology and outcomes
- Methodology and measurement of biobehavioral moderators and mediators of cancer prevention and control
- Identification and validation of psychological and biobehavioral mechanisms or processes hypothesized to be measurable, malleable, and implicated in behavior change relevant to cancer prevention and control
- Late effects of cancer and cancer treatment
- Ethical issues in behavioral research conducted to inform cancer prevention and control

Organizational Structure

National Cancer Institute

DCCPS

Division of Cancer Control and Population Sciences

BRP

Behavioral Research Program

BBPSB

Basic Biobehavioral and Psychological Sciences Branch

BBPSB Team Members



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Tanya Agurs-Collins and Kara Hall have secondary appointments in the branch.



The branch is currently recruiting a Program Director with expertise in cancer survivorship. **cancercontrol.cancer.gov/brp/career training.html**.

Meet the Grantees

Featured researcher profiles showcase BBPSB grantees with expertise in diverse scientific disciplines.



Funding Opportunities



Affective Science

Supports innovative affective- and decision-science research that has potential downstream benefits for cancer prevention and control.

Funding Opportunity

• Fundamental Mechanisms of Affective and Decisional Processes in Cancer Control (R01) PAR-16-380



Cognitive Changes Related to Cancer Treatments

Fosters research on new approaches to assess the cognitive changes that often accompany cancer and cancer treatment.

Funding Opportunity

 Leveraging Cognitive Neuroscience Research to Improve Assessment of Cancer Treatment-Related Cognitive Impairment (R01) PAR-16-212 and (R21) PAR-16-213



Psychological Responses in Cancer Control

Encourages innovative research on individual, contextual, and psychological responses to population-level cancer control strategies and policies.

Funding Opportunity

 Predicting Behavioral Responses to Population-Level Cancer Control Strategies (R21) PAR-16-257



Perception and Attention

Promotes basic research in perception and attention relevant to cancer control and prevention.

Funding Opportunity

 Research on the Mechanisms and/or Behavioral Outcomes of Multisensory Processing (R01) PA-15-347



Medical **Adherence**

Seeks applications that propose interventions to improve medication adherence.

Funding Opportunity

 Advancing Interventions to Improve Medication Adherence (R01) PA-14-334 and (R21) PA-14-335



Neural Regulation

Encourages collaborative, transdisciplinary research with both neuroscience and cancer elements, which together will advance current understanding of the nervous system contribution to cancer.

Funding Opportunity

 Neural Regulation of Cancer (R01) PAR-16-245 and (R21) PAR-16-246