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 Related to Cancer Prevention and Control
• Cognition, emotion, judgment, and decision making
• Sensation, attention, and perception
• Biological pathways through which psychosocial stressors influence cancer biology and outcomes
• Methodology and measurement of biobehavioral moderators and mediators
• Identification and validation of psychological and biobehavioral mechanisms or processes hypothesized to be measurable, malleable, and implicated in behavior change
• Short- and long-term effects of cancer and cancer treatment
• Ethical issues in behavioral research
• Psychological and behavioral aspects of cancer treatment adherence

Organizational Structure

BBPSB Team Members

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

See current fellowship training and career postings at cancercontrol.cancer.gov/brpcareer.
Meet our Grantees
Featured researcher profiles showcase BBPSB grantees with expertise in diverse scientific disciplines.

Selected 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
PAR-18-681 (R01 Clinical Trial Optional)

**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
PAR-18-605 (R01 Clinical Trial Optional) and PAR-18-606 (R21 Clinical Trial Optional)

**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
PAR-18-024 (R21 Clinical Trial Optional)

**Perception and Cognition**
Promotes research in perception and cognition relevant to cancer control and prevention.

**Funding Opportunity**
Perception and Cognition Research to Inform Cancer Image Interpretation
PAR-18-640 (R01 Clinical Trial Optional) and PAR-18-641 (R21 Clinical Trial Optional)

**Medication Adherence**
Encourages research to understand the underlying processes of medication adherence.

**Funding Opportunity**
Oral Anticancer Agents: Utilization, Adherence, and Health Care Delivery
PA-18-004 (R01 Clinical Trial Optional) and PA-18-014 (R21 Clinical Trial Optional)

**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
PAR-16-245 (R01) and PAR-16-246 (R21)

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