Basic Biobehavioral and Psychological Sciences Branch (BBPSB)

cancercontrol.cancer.gov/brp/bbpsb

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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

- **NCI** — 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

Paige Green
Branch Chief
paige.green@nih.gov

Jerry Suls
Senior Scientist
jerry.suls@nih.gov

Donna Hopkins
Program Specialist
donna.hopkins@nih.gov

Rebecca Ferrer
Program Director
rebecca.ferrer@nih.gov

Todd Horowitz
Program Director
todd.horowitz@nih.gov

Wendy Nelson
Program Director
wendy.nelson@nih.gov

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

See current fellowship training and career postings at **cancercontrol.cancer.gov/brp/career_training.html**.

Meet the 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-16-380 (R01)

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-16-212 (R01) and PAR-16-213 (R21)

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-16-257 (R21)

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-17-125 (R01) and PAR-17-124 (R21)

Medication Adherence

Encourages research to understand the underlying processes of medication adherence.

Funding Opportunity

- Oral Anticancer Agents: Utilization, Adherence, and Health Care Delivery PA-17-060 (R01) and PA-17-061 (R21)

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)