NIH NATIONAL CANCER INSTITUTE

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
- Short- and long-term effects of cancer and cancer treatment
- Ethical issues in behavioral research related to cancer prevention and control
- Psychological and behavioral aspects of cancer treatment adherence

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

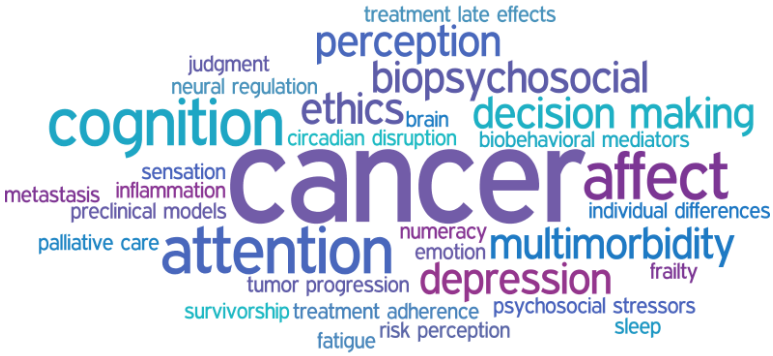
Wendy Nelson
Program Director
wendy.nelson@nih.gov

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

See current fellowship training and career postings at cancercontrol.cancer.gov/brpcareer.

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-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-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-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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