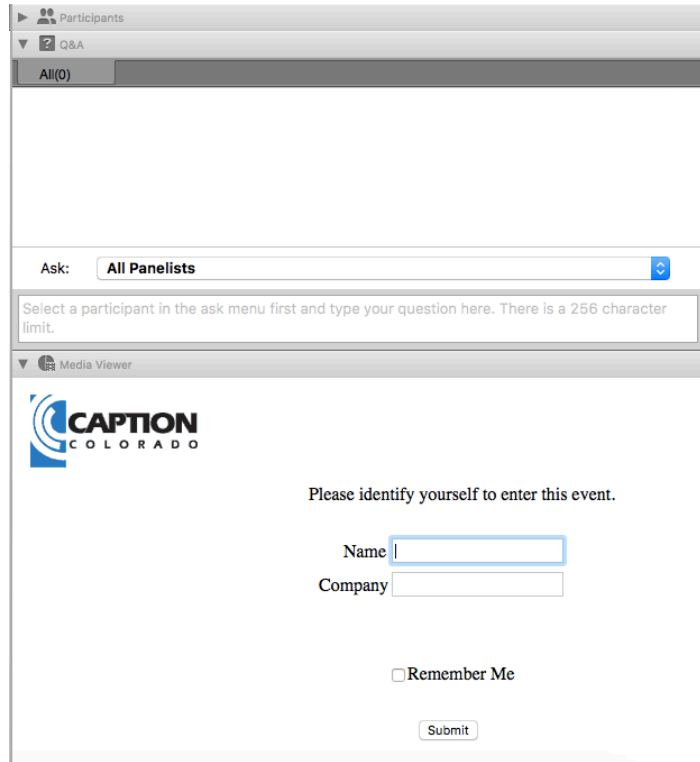


Cancer-related Behavioral Research through Integrating Existing Data

Behavioral Research Program

Using WebEx and webinar logistics



The screenshot displays a WebEx interface with two main panels. The top panel is titled 'Q&A' and shows a list of participants under the heading 'All(0)'. Below this is a text input field labeled 'Ask:' with a dropdown menu set to 'All Panelists'. A note below the input field states: 'Select a participant in the ask menu first and type your question here. There is a 256 character limit.' The bottom panel is titled 'Media Viewer' and features the 'CAPTION COLORADO' logo. It contains a form for user identification with the text 'Please identify yourself to enter this event.' and fields for 'Name' and 'Company'. There is also a checkbox for 'Remember Me' and a 'Submit' button.

- Submit questions at any time during the presentation. Type into the Q&A feature on the right of the interface and press “send”
 - Closed captioning is available by selecting the Media Viewer Panel on the right hand side of your screen
- To connect to the live audio, we recommend having the system call you. Enter your telephone number (include area code) and select “Call Me” OR dial in to the session at:
 - **Conference #:** 1-650-479-3207
 - **Access Code:** 736 128 285
- This webinar is being recorded

Webinar presenters

Speaker



Richard P. Moser, Ph.D.

Program Director and
Research Methods
Coordinator
Behavioral Research
Program

Moderator



Jerry Suls, Ph.D.

Senior Scientist
Behavioral Research
Program

Technical Expert



**Michelle Mollica, Ph.D.,
M.P.H., R.N.**

Program Director
Healthcare Delivery
Research Program

Agenda

- Background
- FOA Details
- Resources
- Questions
 - Questions about specific aims or grant application details will not be addressed

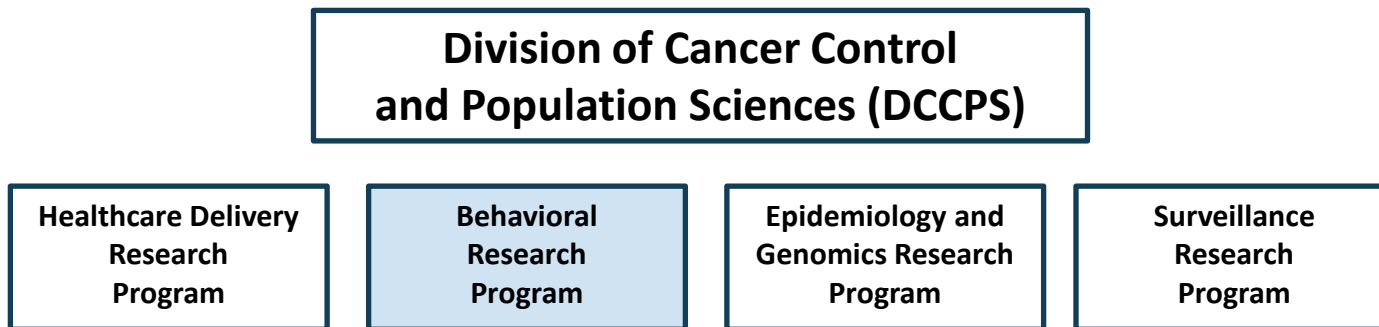


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Background

*Cancer-Related Behavioral Research through
Integrating Existing Data*

NCI DCCPS organizational structure



The **Behavioral Research Program (BRP)** initiates, supports, and evaluates a comprehensive program of research including basic behavioral and psychological science as well as the development, testing, and dissemination of interventions in cancer control areas such as tobacco use, diet and energy balance, and sun protection.

cancercontrol.cancer.gov/brp

How we fund grants

- Although most of our portfolio consists of investigator-initiated (unsolicited) grants, BRP also supports grant applications in specific areas of interest
 - Requests for Applications (RFA)
 - Identifies the specific receipt date(s), the estimated amount of funds earmarked for the initiative, the number of awards likely to be funded, and any specific criteria for scientific peer review; applications received in response to a particular RFA are reviewed by an Institute's Scientific Review Group
 - Program Announcements (PA)
 - Most PA applications are submitted with a standing receipt date and are reviewed with all other applications received at that time using standard peer-review processes
 - Program Announcement (PAR)
 - Program announcements with special receipt, referral, and/or review considerations

Grant mechanisms – R01 and R21

NIH Research Project Grant (R01)	NIH Exploratory/Developmental Grant (R21)
<ul style="list-style-type: none">▪ Support a discrete, specified, and circumscribed research project▪ Most commonly used grant program▪ No specific dollar limit<ul style="list-style-type: none">▪ Advance permission required for \geq\$500K direct costs in any year▪ 3-5 years funding	<ul style="list-style-type: none">▪ Supports new, exploratory, and developmental research projects▪ Sometimes used for pilot and feasibility studies▪ Preliminary studies are discouraged▪ Combined budget for direct costs for the two-year project period usually may not exceed \$275,000▪ Up to 2 years funding



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FOA Details

*Cancer-Related Behavioral Research through
Integrating Existing Data*

Background and purpose

- **Background** – New technology and methodologies allow for data integration and linkages not previously possible
 - Integrative Data Analysis (IDA) can be used to leverage data from existing sources (e.g., Health Information National Trends Survey, grantee data, funded cohorts/centers, healthdata.gov), and “big data” (e.g., social media, smartphones), to answer important research questions about behavioral risk factors for cancer such as weight management, tobacco use, screening and medication adherence
- **PAR Purpose** – Integrate two or more **existing**, independent data sets to answer **novel** cancer control and prevention questions related to **behavioral risk factors for cancer**

Research opportunities

- Combine multiple retrospective cohorts
- Assess small populations (e.g., LGBT, racial/ethnic subgroups)
- Study rare cancers (e.g., head and neck)
- Combine across diverse data sources - cells to society (e.g., melanoma risk by GIS and behavioral sun safety measures)

Requirements

- Data should be from two or more independent data sets, different sources and types, and should include at least one source of behavioral data
- Behavioral data: observable behavior; knowledge; perceptions; attitudes; affect; environment
- Use existing data sources rather than collect new data
- OK to reuse previously collected data or data from colleagues
 - Data from previous grants repurposed
 - High quality pilot data
- Answer a cancer-related behavioral research question that cannot be addressed with one data set alone

Trans-disciplinary approach

Leverage disciplines

- Psychological science
- Genetics
- Biology
- Urban planning
- Consumer behavior and marketing
- Cultural anthropology
- Behavioral economics
- Geography

Example research questions

- How do personal attitudes toward vaccination and sexual behavior (as measured within parents, adolescents, and young adults) together with physician recommendations and accessibility to health care interact to influence HPV vaccination uptake?
- What biological, self-report, environmental, and policy factors explain trends in cancer incidence/mortality inequalities? What can be learned to inform behavioral interventions based on these data?

Application deadlines

- Please read the FOAs very carefully!
 - Subject to change – always check the NIH Guide

	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	Cycle 6
PAR 16-255 (R21)	February 15, 2017	June 15, 2017	February 15, 2018	June 15, 2018	February 15, 2019	June 14, 2019
PAR 16-256 (R01)	February 7, 2017	June 7, 2017	February 7, 2018	June 7, 2018	February 7, 2019	June 7, 2019

- Letters of Intent are NOT required
- Start the process early! Allow time for registration in the System for Award Management, eRA Commons, and Grants.gov



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Examples of Data Resources

Examples of relevant datasets

- Add-Health: National Longitudinal Study of Adolescent Health
www.cpc.unc.edu/projects/addhealth
- Behavioral Risk Factor Surveillance System (BRFSS)
www.cdc.gov/brfss/
- Medical Expenditure Panel Survey (MEPS)
meps.ahrq.gov/mepsweb/
- Midlife Development in the United States (MIDUS)
www.midus.wisc.edu/scopeofstudy.php
- National Health and Nutrition Examination Survey (NHANES)
www.cdc.gov/nchs/nhanes.htm
- National Health Interview survey (NHIS)
www.cdc.gov/nchs/nhis.htm
- National Youth Tobacco Survey (NYTS)
www.cdc.gov/tobacco/data_statistics/surveys/YTS/



Examples of other data resources

- Interuniversity Consortium for Political and Social Research (ICPSR)

www.icpsr.umich.edu/icpsrweb/

- Healthdata.gov: healthdata.gov/

- US Census data

www.census.gov/data.html

- HealthMeasures Dataverse

dataverse.harvard.edu/dataverse.xhtml?alias=HealthMeasures

- Database of Genotypes and Phenotypes (dbGaP)

www.ncbi.nlm.nih.gov/gap

- DRYAD

datadryad.org





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Examples of NCI-supported data

- Surveillance, Epidemiology, and End Results (SEER)
seer.cancer.gov/
- Classification of Laws Associated with School Students (CLASS)
class.cancer.gov
- Food Attitudes and Behavior Survey (FAB)
cancercontrol.cancer.gov/brp/hbrb/fab/
- Health Information National Trends Survey (HINTS)
hints.cancer.gov
- Tobacco Use Supplement to the Current Population Survey (TUS-CPS)
appliedresearch.cancer.gov/tus-cps/
- Cancer Epidemiology Cohorts*
epi.grants.cancer.gov/cohorts.html
- Family Life, Activity, Sun, Health, and Eating* (FLASHE)
cancercontrol.cancer.gov/flashe

* These data resources require application and approval to obtain data; please see websites for more details

Examples of NCI-supported data: SEER-linked resources

- SEER-Medicare

healthcaredelivery.cancer.gov/seermedicare

- SEER-Medical Health Outcomes Survey (SEER-MHOS)

healthcaredelivery.cancer.gov/seer-mhos/

- SEER-Consumer Assessment of Healthcare Providers and Systems (SEER-CAHPS)

healthcaredelivery.cancer.gov/seer-cahps/



*These data resources require application and approval to obtain data; please see websites for more details



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Resources

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Resources for new funding announcements

- Today's webinar and list of FAQs (both leading up to and following the webinar) will be posted online:
 - cancercontrol.cancer.gov/brpwebinars
 - There, you can also find links to FOAs and Program Director contact information
- Connect with any BRP staff member via contact information listed on:
 - cancercontrol.cancer.gov/brpstaff
 - Email questions to the Behavioral Research Program anytime at ncidccpsbrpadvances@mail.nih.gov

Stay connected with us!

Sign up for email updates from the Behavioral Research Program:
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Questions

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