

DCCPS Updates and Funding Opportunities

July 19, 2021

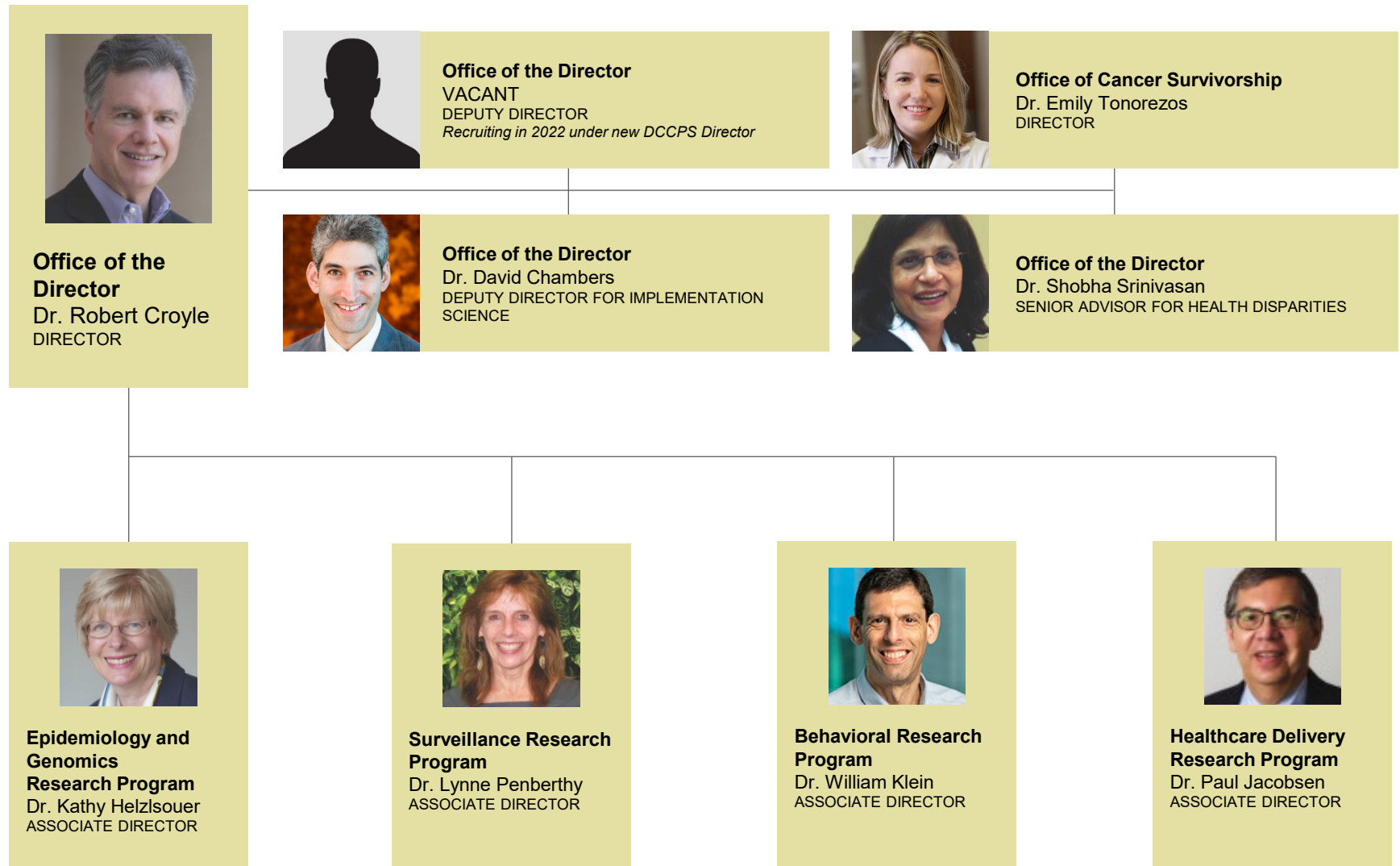


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Control and Population Sciences
National Cancer Institute
National Institutes of Health

Outline

1. *Introduction*
2. *Health Disparities*
3. *Funding Opportunities*
4. *Resources for Investigators*

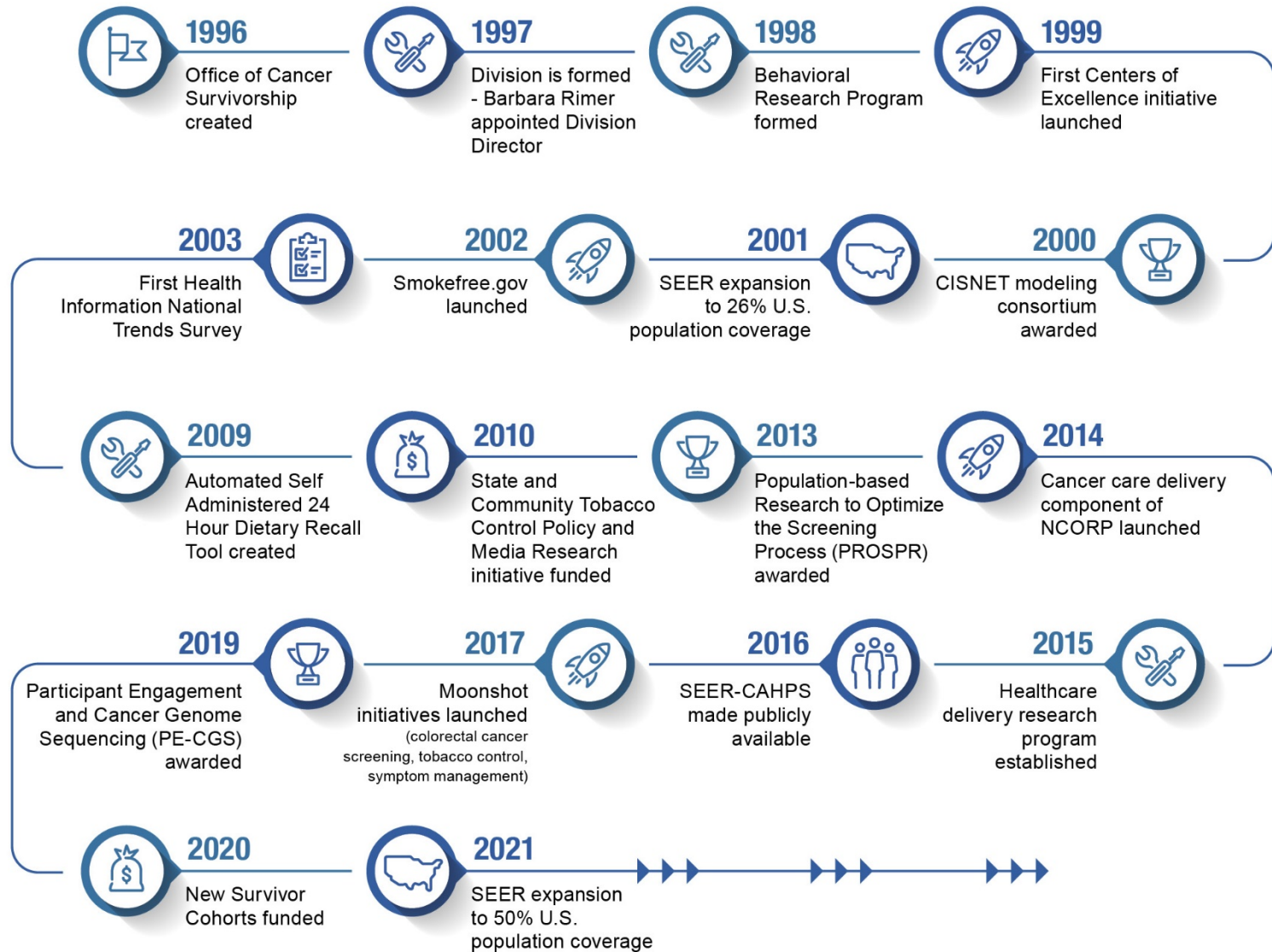
DCCPS Organizational Leadership



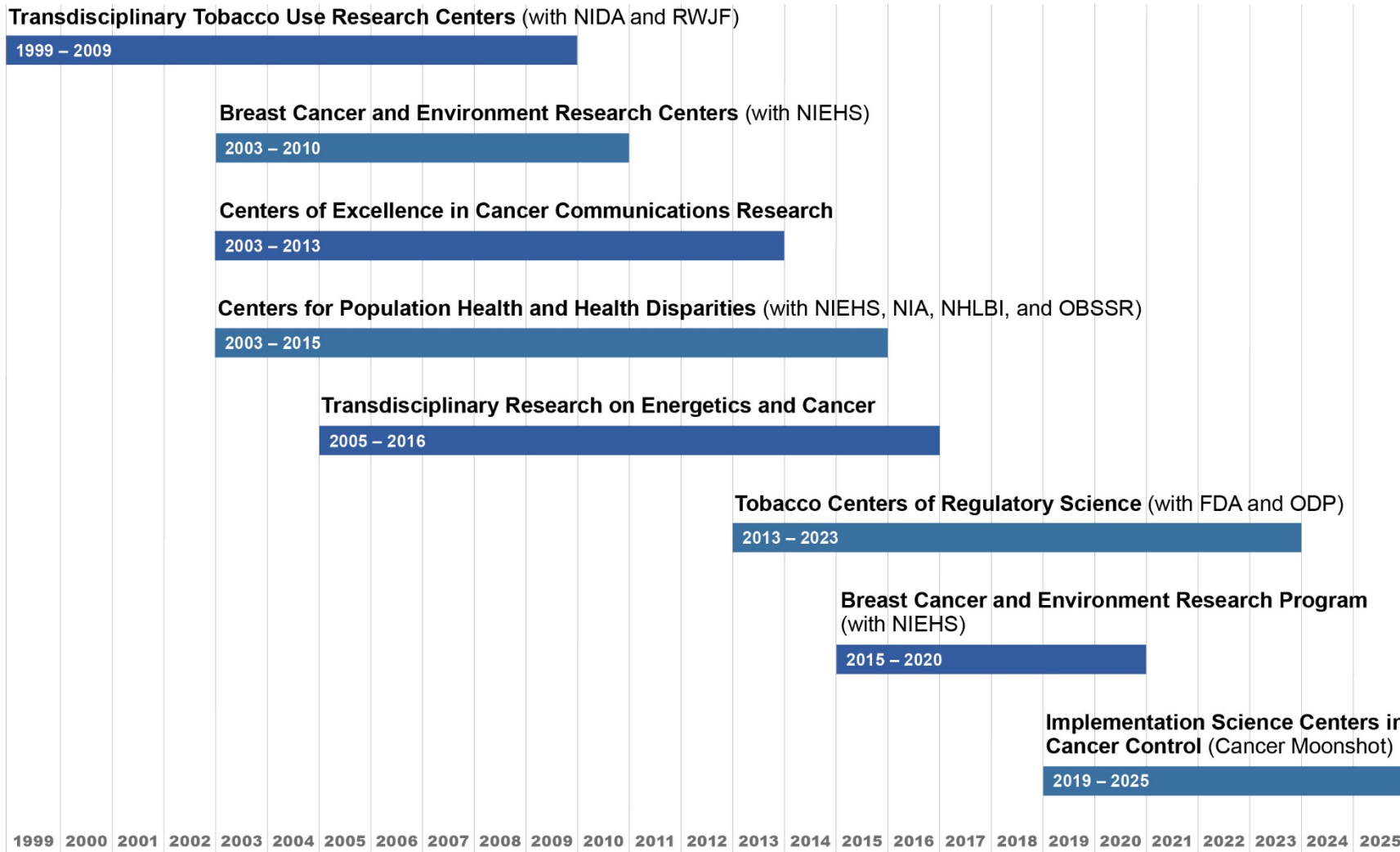
DCCPS Organization and Leadership



Major Internal Events in the History of DCCPS

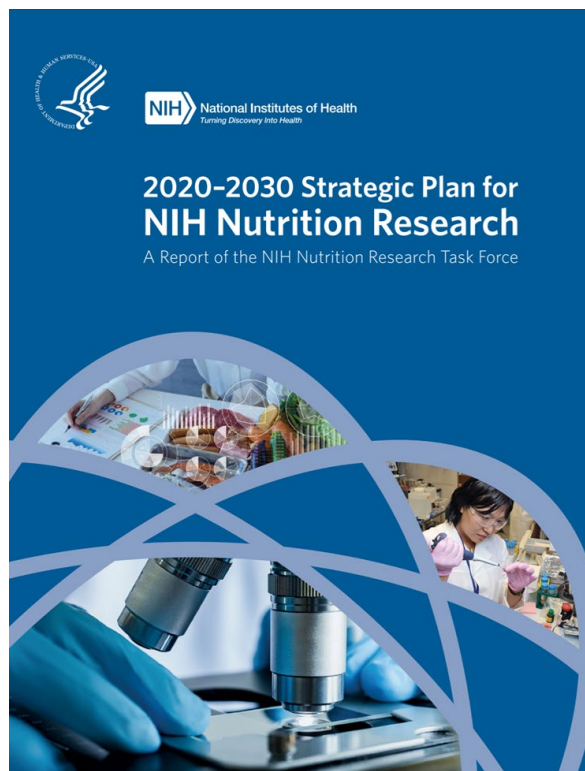


Centers of Excellence Initiatives



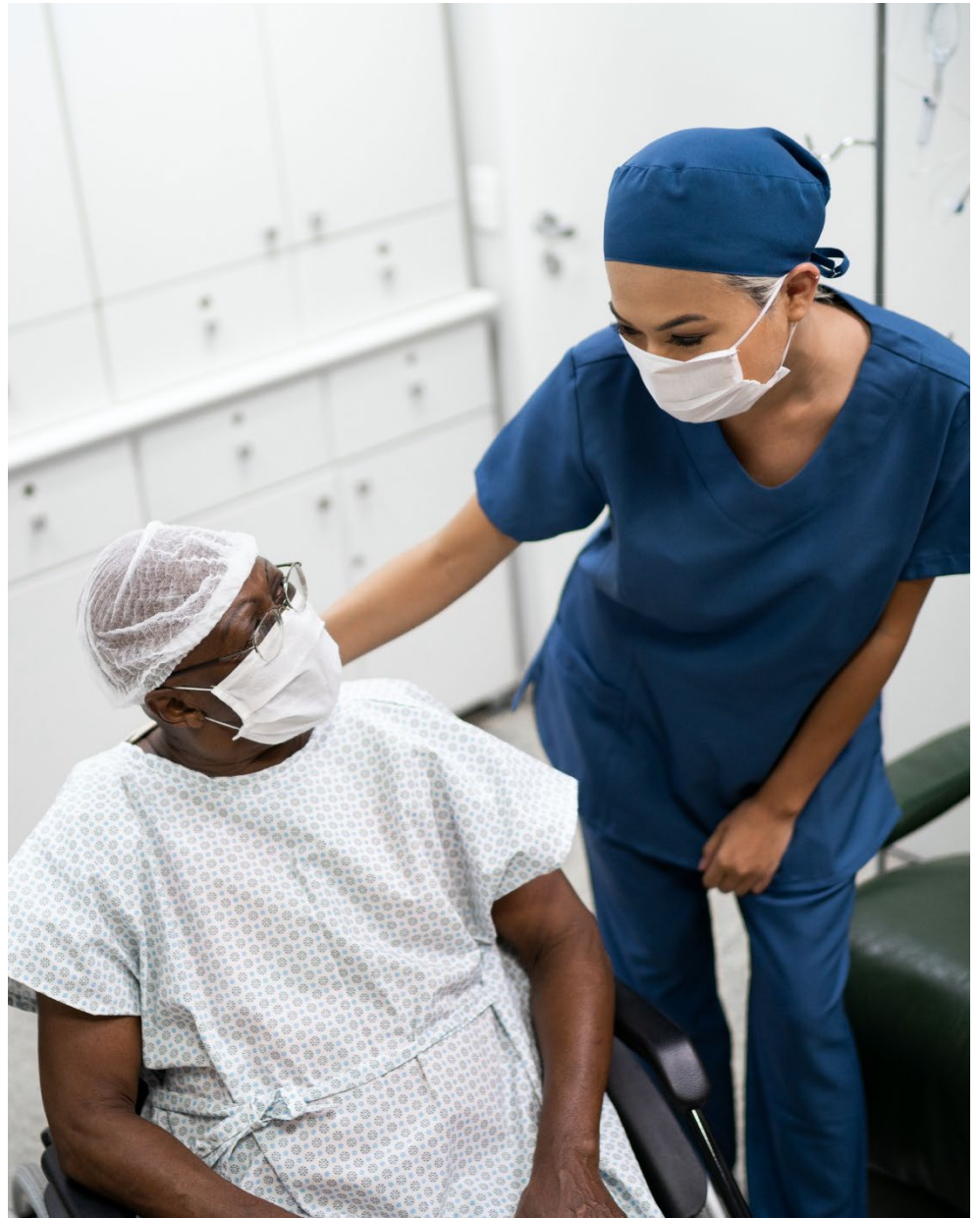
Future Centers of Excellence Initiatives

- Centers on Telehealth Research and Cancer-Related Care
- Centers of Excellence for 24 Hour Behavior Patterns



Cancer Center Support Grants Supplements: Future Opportunities

- Cannabis use
- Nicotine reduction in cigarettes
- Persistent poverty
- Pediatric cancer survivorship

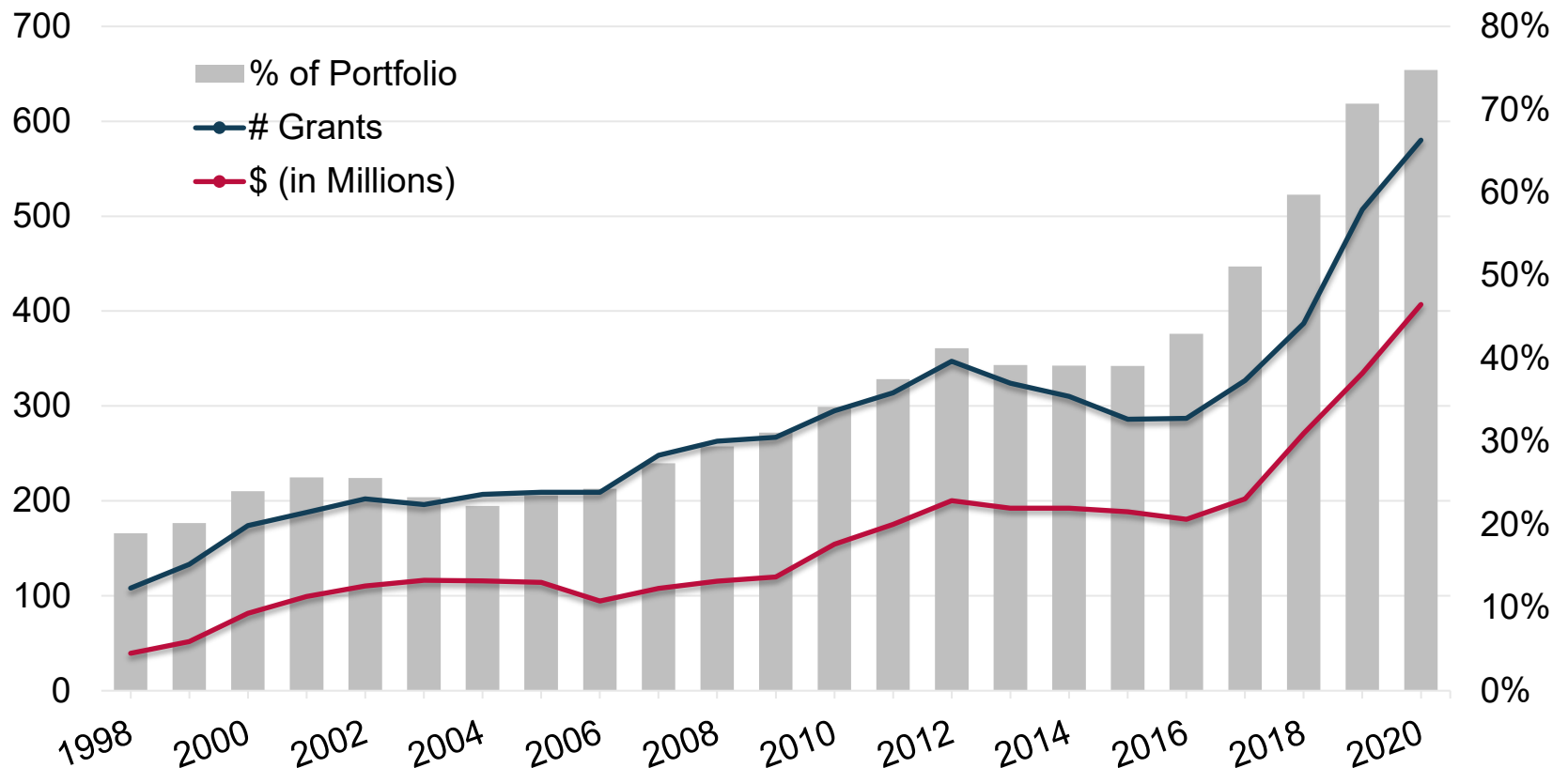


HEALTH DISPARITIES

DCCPS HD Portfolio Trends, FY 1998-FY 2020

FY20 HD Summary

Total HD Awards	Total DCCPS Awards	% HD	Dollars in Millions
580	767	75.6	\$407



Future Opportunities

- AI/AN cancer control
- Sexual and gender minorities
- Regions in persistent poverty
 - P01 NOSI in NIH Guide
 - RFA planned for Oct 2021 SPL, FY23 funding
- ARPA-H?



FUNDING OPPORTUNITIES

Behavioral Research Program

NOSIs

- Research on Oral Anticancer Agents in the Contexts of Utilization, Adherence, and Health Care Delivery
- Alcohol and Cancer Control

PARs

- Physical Activity and Weight Control Interventions Among Cancer Survivors: Effects on Biomarkers of Prognosis and Survival (R01; R21)
- Stimulating Innovations in Behavioral Intervention Research for Cancer Prevention and Control (R21)
- Leveraging Cognitive Neuroscience to Improve Assessment of Cancer Treatment-Related Cognitive Impairment (R01; R21)
- Innovative Approaches to Studying Cancer Communication in the New Information Ecosystem (R01; R21)
- Perception and Cognition Research to Inform Cancer Image Interpretation (R01; R21)
- Fundamental Mechanisms of Affective and Decisional Processes in Cancer Control (R01)
- Tobacco Control Policies to Promote Health Equity (R01; R21)

RFAs

- Social and Behavioral Intervention Research to Address Modifiable Risk Factors for Cancer in Rural Populations (R01)
- Exercise and Nutrition Interventions to Improve Cancer Treatment-Related Outcomes (ENICTO) in Cancer Survivors Consortium (U01)

Epidemiology and Genomics Research Program

NOSIs

- Use of Biological Information to Understand How the Interplay of Environmental Exposures and Genes Influences Cancer Risk
- Understanding the Effects of Cancer and Cancer Treatment on Aging Trajectories and Aging Outcomes
- Early-life Factors and Cancer Development Later in Life

PARs

- Improving Outcomes in Cancer Treatment-Related Cardiotoxicity (R01; R21)
- Exploratory Grants in Cancer Epidemiology (R21)
- Clinical Characterization of Cancer Therapy-induced Adverse Sequelae and Mechanism-based Interventional Strategies (R01)
- Co-infection and Cancer (R01; R21)
- Revision Applications for Validation of Biomarker Assays Developed Through NIH-Supported Research Grants (R01)
- Secondary Analysis and Integration of Existing Data to Elucidate the Genetic Architecture of Cancer Risk and Related Outcomes (R01; R21)
- Core Infrastructure Support for Cancer Epidemiology Cohorts (U01)

Healthcare Delivery Research Program

NOSIs

- NCI's Research Interests to Improve Interprofessional Teamwork and Coordination During Cancer Diagnosis and Treatment
- New Information Technology-Enabled Care Delivery Models to Improve Depression Care in Cancer

PARs

- Intervening with Cancer Caregivers to Improve Patient Health Outcomes and Optimize Health Care Utilization (R01; R21)
- Linking the Provider Recommendation to Adolescent HPV Vaccine Uptake (R01; R21; R03)

Surveillance Research Program

NOSIs

- Leveraging Population-based Cancer Registry Data to Study Health Disparities

PARs

- New Informatics Tools and Methods to Enhance U.S. Cancer Surveillance Research (U01)

Trans-DCCPS Funding Opportunity Announcements

NOSIs

- Geospatial Approaches in Cancer Control and Population Sciences
- Telehealth in Cancer Care Tailoring Follow-up Care for Survivors Using Risk-Stratified
- Centers on Telehealth Research for Cancer Related Care
- Research to Reduce Morbidity and Improve Care for Pediatric, and Adolescent and Young Adult (AYA) Cancer Survivors
- Dissemination and Implementation Science for Cancer Prevention and Control in Low Resource Environments
- Notice of Special Interest (NOSI): Expanding Cancer Control Research in Persistent Poverty Areas

PARs

- Dissemination and Implementation Research in Health (R01; R21; R03)
- Modular R01s in Cancer Control and Population Sciences (R01)

RESOURCES FOR INVESTIGATORS

Program Areas

[Home](#) / [Program Areas](#)

DCCPS programs are carried out by teams of experts engaging in quality cancer control research that benefits the nation. They identify program-specific research goals and objectives, recommend action for resource allocation, collaborate with subject matter experts in their field, and monitor technological, scientific, and policy developments to consider future research priorities.

PROGRAM AREAS

Behavioral Research

Developing and applying quality research in the behavioral and social sciences to cancer prevention and control.

Epidemiology & Genomics

Understanding susceptibility to cancer and cancer-related outcomes through grant-supported, population-based research.

Healthcare Delivery Research

Evaluating patterns and trends in cancer-associated health behaviors, risk factors, health care services, economics, and outcomes.

Implementation Science

Advancing research and practice to promote the adoption and integration of evidence-based interventions and policies into routine health care.

Surveillance

Collecting and analyzing data and developing statistical methods to answer key cancer-related questions.

Survivorship

Examining the physical, psychological, social, and economic effects of cancer and its treatment among survivors of cancer and their families.

Health Disparities & Health Equity

Understanding the causes of disparities in cancer and developing effective interventions that address them in an effort to achieve health equity for all Americans.

Funding Opportunities | Division

Share Not Shared

← → ↺ cancercontrol.cancer.gov/funding ☆ ⚙ 👤 ⋮

NIH

NATIONAL CANCER INSTITUTE
Division of Cancer Control & Population Sciences

SEARCH


Home Program Areas ▾ Research Portfolios ▾ Funding Opportunities ▾ Publications & Data ▾ Research Emphasis ▾ About DCCPS ▾

Funding Opportunities

Home / Funding Opportunities

DCCPS regularly funds new cancer control research. It also funds programs that help train people for careers in biomedical, behavioral, social, and clinical research. Explore current funding opportunities, as well as information about NIH's budget process, grant funding strategies and policies, and more.


FUNDING

 **Find Cancer Control Funding Opportunities**


Search for funding...

Search

[View all DCCPS Funding Opportunities.](#)

 **For New Grantees**

Find resources for research, funding opportunities, and workshops that may be helpful to new and early-stage investigators.

 **How to Apply**

Find resources on the NIH grant application process, including application tips, forms, and instructions.

EXPLORE MORE FUNDING ACROSS NCI AND NIH

[NIH Parent Announcements](#)

[National Cancer Institute \(NCI\) Funding Opportunities](#)

ADDITIONAL FUNDING INFORMATION

cancercontrol.cancer.gov

Key Contacts and Steps in the Grant Funding Process

NATIONAL CANCER INSTITUTE
Division of Cancer Control & Population Sciences

APRIL 2021

Key Contacts and Steps in the Grant Funding Process

Sometimes the hardest part of any effort is getting started. That's why we developed this document to help researchers prepare their application for submission and to offer resources to assist them through to award and closeout.

Here are the best people to contact at different stages of the process. **Start planning early for your submission.** Begin your preparation at least a year from idea conception to application submission.

DCCPS PROGRAM DIRECTOR

Before applying, contact a **DCCPS program director** to ask about

- DCCPS funding opportunities, initiatives, and programs
- Resources available from NIH/NCI
- Eligibility, mechanisms, and requirements for funding
- Information on policies or guidelines
- Priority areas for an institute, program, or branch

SCIENTIFIC REVIEW OFFICER

Discuss with a **Scientific Review Officer**

- Specific expertise for review of your application
- Ways to avoid reviewer assignment conflicts
- Information about post-submission materials
 - Revised budget page(s)
 - Biographical sketches for changes in key personnel
 - Additional letters of support
 - News of an article accepted for publication since submission

eRA HELP DESK

Contact the **electronic Research Administration (eRA) Help Desk** at era.nih.gov to ask about

- Submitting the online application
- Managing information on the eRA Commons

FIND THE RIGHT PROGRAM DIRECTOR

Determine which program best relates to your project interests and contact the program director. (A program director is the same as a program official or program officer.)

- **BEHAVIORAL RESEARCH PROGRAM** | staffprofiles.cancer.gov/brp/prgmStaffHome.do
- **EPIDEMIOLOGY AND GENOMICS RESEARCH PROGRAM** | epi.grants.cancer.gov/staff
- **HEALTHCARE DELIVERY RESEARCH PROGRAM** | healthcaredelivery.cancer.gov/about/staff
- **IMPLEMENTATION SCIENCE** | cancercontrol.cancer.gov/IS/staff.html
- **SURVEILLANCE RESEARCH PROGRAM** | surveillance.cancer.gov/about/staff.html
- **OFFICE OF CANCER SURVIVORSHIP** | cancercontrol.cancer.gov/ocs/about/staff.html
- **HEALTH DISPARITIES AND HEALTH EQUITY** | cancercontrol.cancer.gov/hdhe/about/staff.html

Search our funding opportunities and visit often to check for new listings.
Learn more about our research portfolio at cancercontrol.cancer.gov/current_research.html.

What is HINTS?

The Health Information National Trends Survey (HINTS) regularly collects nationally representative data about the American public's knowledge of, attitudes toward, and use of cancer- and health-related information. HINTS data are used to monitor changes in the rapidly evolving fields of health communication and health information technology and to create more effective health communication strategies across different populations.

[Learn More](#)



Download Data

Nationally representative HINTS data are free to download and analyze. HINTS data are available in SAS, SPSS, and STATA formats.

[Download Data >](#)



HINTS Briefs

HINTS *Briefs* provide a snapshot of noteworthy, data-driven HINTS research findings. Many *Briefs* summarize research findings from recent peer-reviewed journal articles using HINTS data.

[View All Briefs >](#)



HINTS Items

The HINTS *online codebook* provides summary data for HINTS items across all cycles, including estimated U.S. population values, interactive data visualizations, and the ability to look at trend data over time at the item level.

[View HINTS Online Codebook>](#)

What's New

HINTS Data Errors, Remediation, and Recommendations



Our Latest Tweets

HINTS Briefs provide a snapshot of

SEER-Medicare



Cancer Registry Data

NCI's **SEER registry data** on cancer site, stage, mortality, and sociodemographic factors



Medicare Claims

Longitudinal Medicare claims data on utilization and costs of care mainly for Medicare Fee-for-Service beneficiaries



Medicare Encounter Data
Longitudinal Medicare claims data on utilization among Medicare MA/HMO beneficiaries



Clinical Assessments

The nursing home Minimum Data Set (**MDS**) and the Home Health Outcome and Assessment Information Set (**OASIS**) provide insight into beneficiaries' health status, care, and living arrangements



Medicare Enrollment Data

Enrollment data for Medicare Advantage and Medicare Fee-for-Service beneficiaries

Assess healthcare utilization/costs

2015: \$183B → 2030: \$246B

-population growth only.

Mariotto et al. CEBP 2020; 29(7): 1304-1312

Assess healthcare workforce

Project workforce demand

SEER-MHOS (Medicare Health Outcomes Survey)



Cancer Registry Data

NCI's **SEER registry data** on cancer site, stage, mortality, and sociodemographic factors



Medicare Claims

Part D Pharmacy Data



Medicare Encounter Data



Medicare Health Outcomes Survey Data

Centers for Medicare and Medicaid Services' MHOS **2-year cohorts** reporting health-related quality of life, activities of daily living, and effectiveness of care



Medicare Enrollment Data

- Among older cancer patients reporting severe pain interference 61% did not receive any pain medication → need to ensure adequate access

Davidoff et al. 2020 Jul;28(7):3061-3072

SEER-CAHPS

(Consumer Assessment of
Healthcare Providers and Systems)



Cancer Registry Data

NCI's **SEER registry data** on cancer site, stage, mortality, and sociodemographic factors



Medicare Claims



Medicare Encounter Data



Medicare CAHPS Surveys

Centers for Medicare and Medicaid Services' **CAHPS survey** on patient experiences of care, including physician communication, access to care, timeliness of care, and more



Medicare Enrollment Data

- Patient reported experiences of care were not significantly different between patients receiving shared care (oncologist-PCP), which may be more costly, vs. oncologist-only care.

Halpern et al. J Cancer Surviv 2020.

SEER-Medicaid



Cancer Registry Data

NCI's **SEER registry data** on cancer site, stage, mortality, and sociodemographic factors



Medicaid Enrollment Data



Medicaid Claims Data

Longitudinal Medicaid claims

- Enrollment before diagnosis associated with presentation at earlier stages and better survival than if enrolled after diagnosis

Bradley et al. Cancer 2021; 127(2):229-238.

SEER-HUD



Housing and Urban Development
Longitudinal HUD assistance enrollment
and income/asset information

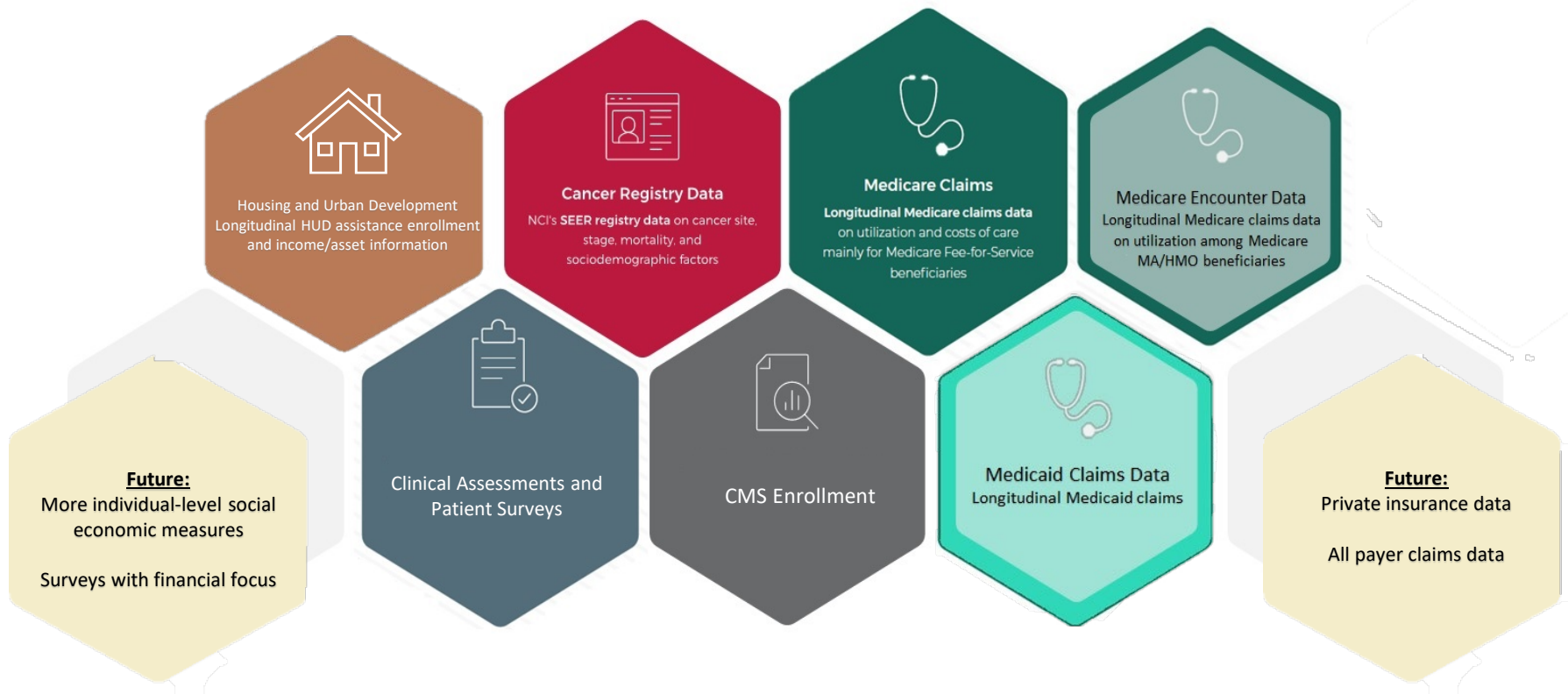


Cancer Registry Data

NCI's **SEER registry data** on cancer site,
stage, mortality, and
sociodemographic factors

- Assess relationship between housing assistance and cancer presentation, treatment, and survival
 - By assistance type and duration, and changes in income

SEER_CMS_HI ID and beyond



September 2021:
Final report under Croyle era

~October 2021:
Welcome Katrina Goddard

