

# NCI Activities Related to Health Economics Research

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Future of Cancer Health Economics Research Conference

# Healthcare Delivery Research Program (HDRP)

- Established January 2015
- Combined 2 branches from the Applied Research Program and 1 from the Behavioral Research Program
- Goal for formation of HDRP: scale up NCI's efforts in this domain to respond to the many demands for more and better evidence concerning the quality of care and cancer care outcomes

<https://healthcaredelivery.cancer.gov> @NCICareDelivRes

# Extramural Divisions at NCI





**Healthcare Delivery Research Program**

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Health care delivery research is conceptualized as the study of cancer care, factors influencing care, and outcomes of care.



**Our mission is to advance innovative research to improve the delivery of cancer-related care.**

# HEALTHCARE DELIVERY RESEARCH PROGRAM

Advancing innovative research to improve the delivery of cancer-related care.



## HEALTHCARE ASSESSMENT

Assess utilization, access, diffusion, and effectiveness in community settings



## HEALTH SYSTEMS & INTERVENTIONS

Observe and intervene on behavior and context

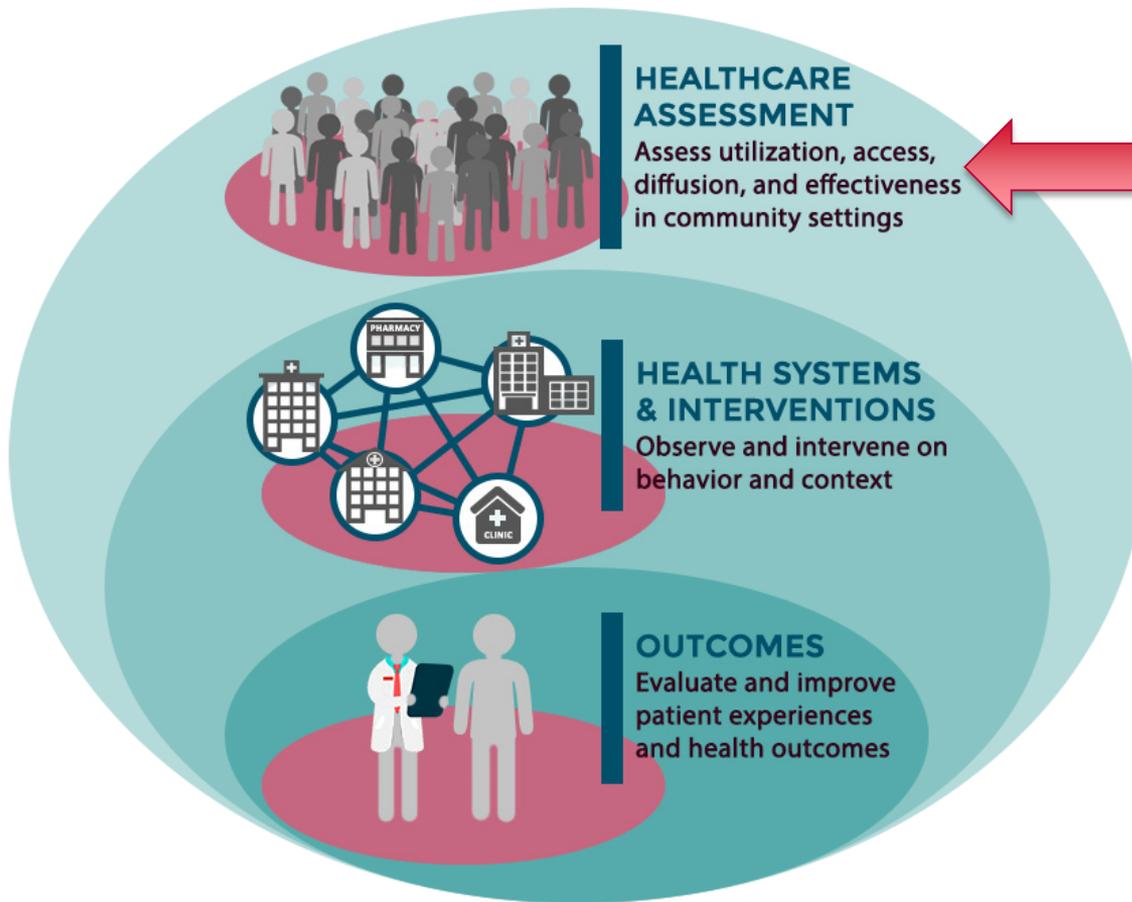


## OUTCOMES

Evaluate and improve patient experiences and health outcomes

# HEALTHCARE DELIVERY RESEARCH PROGRAM

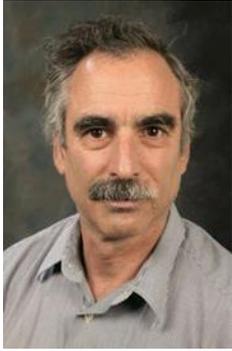
Advancing innovative research to improve the delivery of cancer-related care.



Formerly  
“Health  
Services and  
Economics”



# HSEB Then...





Paul Doria-Rose  
Branch Chief  
Epidemiologist



Jennifer Crowell  
Medical Officer



Michael  
Halpern  
Medical Officer



Pamela Marcus  
Epidemiologist



Lindsey Enewold  
Epidemiologist



Amy Davidoff  
Health Economist

## ... and HARB Now

# NIH Priorities for Health Economics Research

NIH especially interested in “health economics research designed to understand how innovations ... can be most effectively deployed to improve health and well-being”, including

- Determining the impact of financial and non-financial incentives on health-related behaviors, healthcare utilization, and health outcomes.
- Assessing how environmental, social, economic, and other factors affect health status, health-related behaviors, healthcare utilization, health outcomes, health disparities, and responses to interventions.
- **“NIH will continue to accept applications involving health economics research in which health outcomes and health-related behaviors are the primary focus, and the connection between the subject(s) of the study and improved understanding of health are clear and explicit.”**

# Data Resources

- **SEER-Medicare:** Links Surveillance, Epidemiology and End Results (SEER) cancer registry data with Medicare FFS claims
  - Assess treatment patterns, disparities in use of care, cost of care
- **SEER-CAHPS:** Links SEER, Medicare information (FFS & Medicare HMO), and patient-reported experience of care from CAHPS survey
  - Assess multiple aspects of experience of care, prescription delays due to costs, general and mental health status related to cancer care

## Data Resources (cont.)

- **Medical Expenditure Panel Survey (MEPS) Experience with Cancer Survivorship Supplement** (<https://healthcaredelivery.cancer.gov/meps/>): household survey
  - Assess financial/employment outcomes, health care provider cost conversations, depression, mental status affected by cancer
- **Patterns of Care (POC)** (<https://healthcaredelivery.cancer.gov/poc/>): medical chart data abstraction linked to SEER registry data
  - Assess detailed treatment patterns, disparities in care, new questions on symptom assessments and patient-physician cost conversations
  - Publicly-accessible data website coming soon

# Areas of Special Interest

- Financial Hardship
  - Understanding the economic effect of cancer and its treatment on patients
  - Examining contextual factors that modify financial hardship
  - Developing/evaluating multi-level interventions to mitigate financial hardship
- Employment Outcomes among Cancer Survivors

Thank You!

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