

Ending Cancer As We Know It – Everyone Has A Role

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Director, National Cancer Institute

June 7, 2023

*182nd Meeting of the National Advisory Child Health
and Human Development Council*

@NCIDirector
@TheNCI

“ For the lives we can save and for the lives we have lost, let this be a truly American moment that **rallies the country and the world together** and proves that we can still do big things.

**Let's end cancer as we know it
and cure some cancers once and
for all.**

”









*President Biden
February 7, 2023*

National Cancer Plan

A plan for the National Cancer Program to align broad societal engagement and focus on critical needs to end cancer as we know it.

EIGHT GOALS

-  **Prevent Cancer**
-  **Detect Cancers Early**
-  **Develop Effective Treatments**
-  **Eliminate Inequities**
-  **Deliver Optimal Care**
-  **Engage Every Person**
-  **Maximize Data Utility**
-  **Optimize the Workforce**

EVERYONE HAS A ROLE!

- The White House
- Congress
- National Cancer Institute
- NIH Institutes and Centers
- U.S. Department of Health and Human Services
- Cancer Cabinet
- Professional Societies
- Advocacy Organizations
- Academia
- Industry
- Foundations
- Health Care Providers
- People with Cancer and Other Individuals



Providing the vision and charge for a whole-of-government approach to stimulate collaboration and accelerate progress across the National Cancer Program

National Cancer Plan



Describes goals, strategies, and actions needed to end cancer as we know it

- **Long-term vision** for ending cancer as we know it
- **A framework for collaboration**
- **All-of-government** approach
- **All-of-society** approach
- **Inclusive of everyone** (organizations and individuals)
- *Not* a medium-term strategic/action plan
- *Not* confined to research – includes care, advocacy, policy, individual behaviors

GOALS What success looks like

NationalCancerPlan.cancer.gov

Prevent Cancer

All people and society adopt proven strategies that reduce the risk of cancer

Deliver Optimal Care

The health care system delivers to all people evidence-based, patient-centered care that prioritizes prevention, reduces cancer morbidity and mortality, and improves the lives of cancer survivors, including people living with cancer

Detect Cancers Early

Cancers are detected and treated at early stages, enabling more effective treatment and reducing morbidity and mortality

Engage Every Person

Every person with cancer or at risk for cancer has an opportunity to participate in research or otherwise contribute to the collective knowledge base, and barriers to their participation are eliminated.

Develop Effective Treatments

Effective treatment, with minimal side effects, is accessible to all people with all cancers, including those with rare cancers, metastatic cancers, and treatment-resistant disease

Maximize Data Utility

Secure sharing of privacy-protected health data is standard practice throughout research, and researchers share and use available data to achieve rapid progress against cancer

Eliminate Inequities

Disparities in cancer risk factors, incidence, treatment side effects, and mortality are eliminated through equitable access to prevention, screening, treatment, and survivorship care

Optimize The Workforce

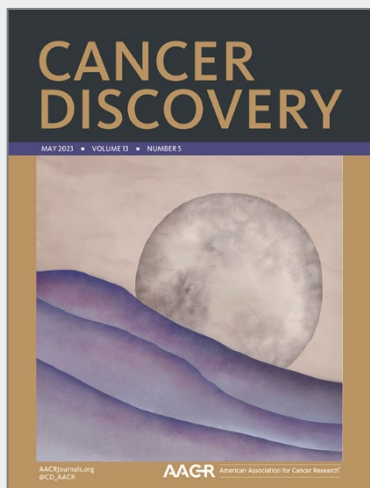
The cancer care and research workforce is diverse, reflects the communities served, and meets the needs of all people with cancer and those at risk for cancer, ensuring they live longer and healthier lives

National Cancer Plan

Research is essential to achieving the National Cancer Plan's goals



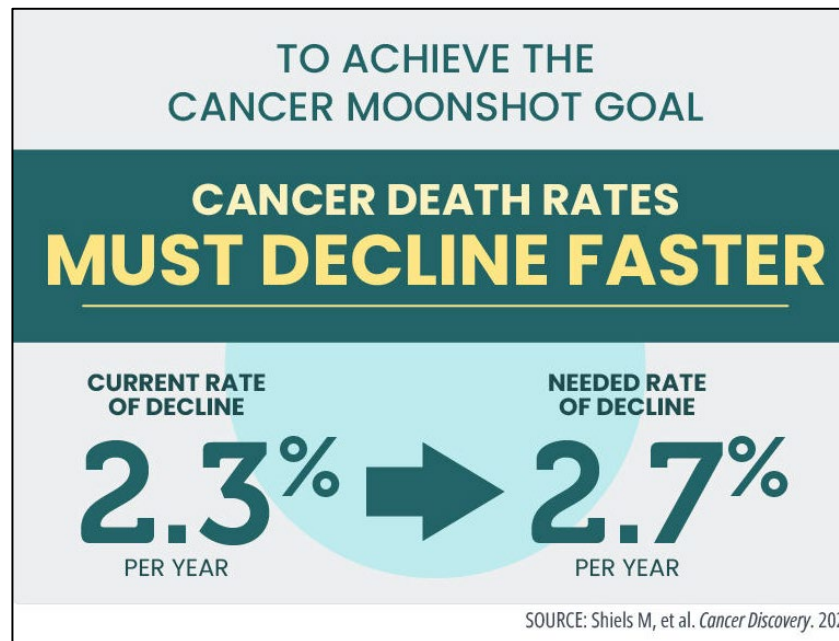
Opportunities for Achieving the Cancer Moonshot Goal



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Opportunities for Achieving the Cancer Moonshot Goal of a 50% Reduction in Cancer Mortality by 2047

Meredith S. Shiels, Stanley Lipkowitz, Nicole G. Campos, Mark Schiffman, John T. Schiller, Neal D. Freedman, Amy Berrington de González



We need to:

- **Accelerate progress for all cancers**
- **Increase use** of what is already known to prevent, detect, and treat common cancers
- **Develop/implement new methods** of preventing, diagnosing, treating, and surviving cancer
- **Address health disparities/inequities**

Childhood Cancer Research Leadership at NCI



Gregory Reaman, M.D.

Childhood Cancer Data Initiative (CCDI)
Scientific Director

CC-DIRECT Director



Brigitte C. Widemann, M.D.

Chief, Pediatric Oncology Branch, Center
for Cancer Research, NCI

Special Advisor to the NCI Director for
Childhood Cancer

Childhood Cancer Data Initiative (CCDI)

CCDI connects and shares childhood cancer data. Making these data available accelerates childhood cancer research progress. CCDI is comprised of several programs and components, including:



cancer.gov/ccdi

CCDI Molecular Characterization Initiative

- Open to children and adolescents and young adults with newly diagnosed central nervous system tumors and soft tissue sarcomas receiving care at Children's Oncology Group-affiliated hospitals
- Provides more precise diagnoses to patients and doctors to inform treatment and care
- Data are made available to researchers
- Program eligibility will continue to expand

National Childhood Cancer Registry

- Integrates data from registries, hospitals, research centers, and insurers
- Enhances access to and use of childhood cancer / survivorship data
- Will generate accurate count of cancer cases
- Database to expand with genomic and tumor characteristics, treatment info, recurrence indicators, etc.

CC-DIRECT Childhood Cancer Data Integration for Research, Education, Care and Clinical Trials program

Major components

- Standardized electronic health record
- Patient navigation services

Status

- Currently in planning stages
- As the project evolves, there will be opportunities for provider and advocacy communities to be involved

Stay informed: nciadvocacy@nih.gov



Collaborators:

- National Cancer Institute
- Centers for Medicare and Medicaid Services
- Office of the National Coordinator for Health Information Technology
- Alliance for Clinical Trials in Oncology
- American Cancer Society
- American Society of Clinical Oncology
- Children's Oncology Group
- MITRE Corporation

Childhood Cancer Efforts from Initial Cancer Moonshot

My Pediatric and Adult Rare Tumor Network (MyPART)



MyPART team



Fusion Oncoproteins in Childhood Cancers (FusOnC2) Consortium

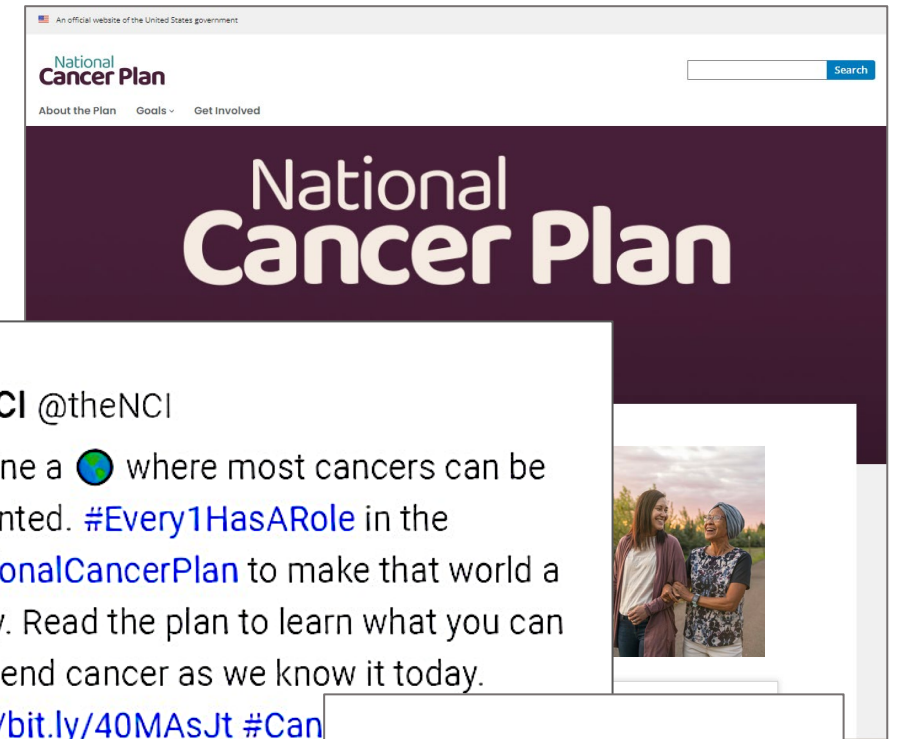
Pediatric Immunotherapy Discovery and Development Network (PI-DDN)



*Dr. Kimberly Stegmaier,
Dana-Farber Cancer Institute*

What You Can Do

- **Read the National Cancer Plan:** nationalcancerplan.cancer.gov
- **Follow @theNCI & @NCIDirector** on social media and use #Every1HasARole and #NationalCancerPlan
- **Subscribe for email updates** to learn about ways to engage with the plan



theNCI @theNCI

Imagine a 🌍 where most cancers can be prevented. #Every1HasARole in the #NationalCancerPlan to make that world a reality. Read the plan to learn what you can do to end cancer as we know it today.
<http://bit.ly/40MASJt> #Can



Everyone has a role.

Thank you!

www.cancer.gov

www.cancer.gov/espanol

1-800-4-CANCER

NCInfo@nih.gov

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