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# NCI Council of Research Advocates

September 28, 2022

*“ I committed to this fight when I was Vice President. It’s one of the reasons why, quite frankly, I ran for President. Let there be no doubt: Now that I am President, this is a presidential White House priority- period. ”*

**President Biden, February 2, 2022**



February 2<sup>nd</sup> Cancer Moonshot Reignition at the White House



# Reignition of the Cancer Moonshot



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## GOALS

- To reduce the death rate from cancer by at least **50 percent over the next 25 years**, and
- Improve the experience of people and their families living with and surviving cancer – and, by doing this and more, **end cancer as we know it today**.



# 7 Pillars of Action



1. **Screening & Early Detection:** We often diagnose cancer too late.
2. **Prevention:** We still have few effective ways to prevent cancer.
3. **Address Inequities Prevention Through Survivorship:** We have stark inequities based on race, region, and resources.
4. **Target Treatments to the Right Patients:** We still know too little about why treatments work for some patients but not others.
5. **Progress on Deadliest and Rarest Cancers:** We lack strategies for developing treatments for some cancers.
6. **Support Patients and Caregivers:** We don't do enough to help patients and families navigate cancer and its aftermath.
7. **Learn from Patients:** We don't learn from most patients' experiences.



# Cancer Cabinet

- Department of Health and Human Services (HHS)
- Department of Veterans Affairs (VA)
- Department of Defense (DOD)
- Department of Labor (DOL)
- Department of Commerce (DOC)
- Department of Energy (DOE)
- Department of Agriculture (USDA),
- Environmental Protection Agency (EPA)
- National Institutes of Health (NIH)
- National Cancer Institute (NCI)
- Food and Drug Administration (FDA)
- Centers for Medicare & Medicaid Services (CMS)
- Centers for Disease Control and Prevention (CDC)
- Office of Science and Technology Policy (OSTP)
- Domestic Policy Council (DPC)
- Office of the First Lady (OFL)
- Office of the Vice President (OVP)
- Office of Management and Budget (OMB)
- Office of Legislative Affairs (OLA)
- Office of Public Engagement (OPE)
- NASA
- Gender Policy Council



March 16<sup>th</sup> Cancer Cabinet meeting at the White House



# Cancer Cabinet Priority Actions



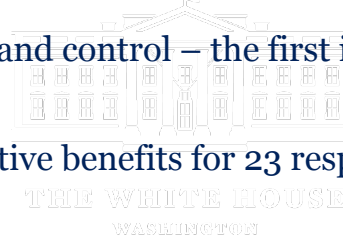
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1. Close the Screening Gap
2. Understand & Address Environmental & Toxic Exposures
3. Decrease Impact of Preventable Cancers
4. Drive Innovation from Discovery to Patients
5. Improve the Experience for Patients and Caregivers



# Snapshot of Announcements Across Agencies

- \$5 million awarded by HRSA to Federally Qualifying Health Centers to increase equitable access to cancer screening and referral for care.
- \$215 million awarded by CDC to advance cancer prevention and control – the first in a 5-year, \$1.1 billion investment into three national programs to prevent and control cancer.
- VA expanded benefits and veterans may now claim presumptive benefits for 23 respiratory illnesses and cancers linked to toxic smoke as part of the PACT Act.
- Centers for Medicare and Medicaid (CMS) launched the Enhanced Oncology Model, which intends to transform care for cancer patients, reduce spending, and improve quality of care.
- NCI to connect underrepresented populations to clinical trials and build capacity in cancer control research in persistent poverty areas.
- CMS announced a national coverage determination (NCD) that expands coverage for lung cancer screening with low dose computed tomography (LDCT).
- The Environmental Protection Agency (EPA) announced impactful new steps to clean our air and water as part of the implementation of Bipartisan Infrastructure Law that will contribute to cancer prevention such as \$1 billion to cleanup 49 Superfund sites and \$7.4 billion to upgrade America's aging water infrastructure.
- The Food and Drug Administration (FDA) released cancer clinical trial guidance that involve addressing inequities, targeting treatments to patients, speeding progress against the most deadly and rare cancers, and learning from the experience of more patients.
- NCI and Cancer Research UK, through the Grand Challenges Program, awarded \$100 million to global interdisciplinary teams to solve some of the toughest challenges in cancer research.



# Timeline

- **February 2<sup>nd</sup>**: Cancer Moonshot Reignition
- **March 1<sup>st</sup>**: SOTU & Unity Agenda
- **May 4<sup>th</sup>**: Community Conversations
- **May 11<sup>th</sup>**: Goals Forum and private sector announcements
- **July 13<sup>th</sup>**: Cancer Cabinet unveils priority actions and new steps toward goals
- **August 8<sup>th</sup>**: PACT Act
- **August 11<sup>th</sup>**: Inflation Reduction Act
- **September 12<sup>th</sup>**: President Biden Cancer Moonshot Speech at JFK Library and progress announced
- **September 23<sup>rd</sup>**: Childhood Cancer Forum
- **October 25<sup>th</sup>**: Launch of National Breast and Cervical Roundtables
- **Upcoming (TBD)**: Public-Private Partnership Announcements



May 11<sup>th</sup> Goals Forum at the White House

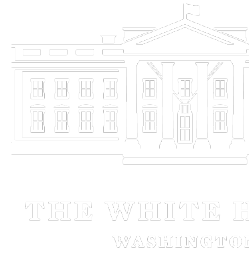




# Cancer Moonshot Remarks on Progress and New Initiatives on 60th Anniversary of President Kennedy's Moonshot Address

*“ And I believe we can usher in the same unwillingness to postpone, the same national purpose that will serve to organize and measure the best of our energies and skills to end cancer as we know it and even cure cancers once and for all. ”*

**President Biden, September 12, 2022**



September 12<sup>th</sup> Cancer Moonshot Remarks at JFK Library, Boston



Progress

# New Initiatives on 60th Anniversary of President Kennedy's Moonshot Address Announced



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- Dr. Renee Wegrzyn as the inaugural Director of ARPA-H, a new agency to drive biomedical innovation that supports the health of all Americans, including cancer.
- An Executive Order to launch a National Biotechnology and Biomanufacturing Initiative to ensure the United States makes cutting-edge biotechnologies and other innovations.
- Additional Cancer Cabinet's commitments towards delivering game-changing cancer detection technologies and support talented researchers from across the United States.



# Latest Progress towards the President's vision



- NCI announced \$23 million to support the creation of a Telehealth Research Centers of Excellence.
- NCI is undertaking a study to evaluate multicancer detection tests, like we did for COVID-19 diagnostics, which has the potential to revolutionize cancer screenings by detecting multiple cancers with a single blood test.
- The Cancer Moonshot Scholars program was launched, which is a brand-new early-career grant opportunity to invest in the next generation of innovative cancer researchers through NCI.
- President signed into law the Inflation Reduction Act which caps the out of pocket costs for Medicare beneficiaries at \$2000 , including for cancer drugs. Because of this tens of thousands of cancer patients could see their out of pocket prescription drug costs go down by thousands annually.
- Office of Science and Technology Policy updated U.S. policy guidance to make the publication of results of taxpayer-supported research immediately available to the American public at no cost.
  - This updated guidance will affect the more than 200,000 federally-funded studies each year, delivering to all areas of scientific discovery what was already required of Cancer Moonshot grants from the National Cancer Institute as part of then-Vice President Biden's vision for how to bring the benefits of federally-funded research to all Americans.



# Engaging with Communities from Multiple Angles

- Working together with the Office of the First Lady
- Direct line of access to the Cancer Moonshot where anyone can submit ideas, projects, commitments to us
- Calls to Action to curate commitments from the public and private sectors
- Encourage and catalyze public-private partnerships
- President's Cancer Panel
  - President recently appointed three new members: Dr. Carol Brown, Dr. Liz Jaffee, Dr. Mitch Berger



February 2<sup>nd</sup> Cancer Moonshot Reignition at the White House



# Expanding the Mission Globally



- In order to fully realize the bold vision of the President to end cancer as we know it, the Cancer Moonshot is committed to support and develop concrete oncology solutions to the most pressing global challenges that benefits patients from all backgrounds and geographic locations.
- Building upon its shared agenda, the Cancer Moonshot's international work will contribute to its core value and pillar of equity, particularly as it relates to access to treatments, tools and resources for all cancer patients and their families around the world.



# Parting Words

“60 years ago, President Kennedy said that America chose to go to the moon not because it was easy, but because it was hard. Because that challenge is one we were unwilling to postpone. Today, our moonshot is ending cancer as we know it. And it's something we can do together.”

**President Biden, September 12, 2022**



September 12<sup>th</sup> Cancer Moonshot Remarks at JFK Library, Boston





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