

# **The Vice President's Cancer Initiative: In Brief**

**Combined NCAB/BSA Boards Meeting  
June 2016**

**Liz Jaffee  
Dinah Singer  
Tyler Jacks**

## **Goals of the Initiative:**

- **Accelerate progress in cancer, including prevention & screening**
  - **From cutting edge basic research to wider uptake of standard of care**
- **Encourage greater cooperation and collaboration**
  - **Within and between academia, government, and private sector**
- **Enhance data sharing**

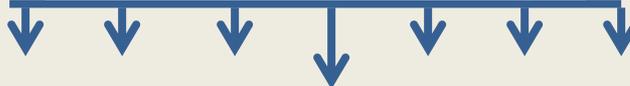
**(From Presidential Memo 2016)**

# Vice President's Cancer Initiative Workflow

Vice President's Office



Cancer Moonshot  
Federal Task Force



NCI/NIH



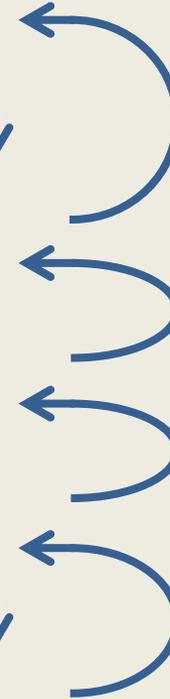
NCAB



“Blue Ribbon Panel”



Working Groups



## **Federal Task Force Goals**

- **Accelerate our understanding of cancer, its prevention, early detection, treatment and cure;**
- **Support greater access to new research, data, and computational capabilities;**
- **Improve patient access and care;**
- **Identify and address any unnecessary regulatory barriers and consider ways to expedite administrative reforms;**
- **Identify opportunities to develop public-private partnerships and increase coordination of the Federal Government's efforts with the private sector, as appropriate.**

**(Presidential Memo 2016)**

## **Blue Ribbon Panel**

**“The Blue Ribbon Panel ... will provide expert advice on the vision, proposed scientific goals, and implementation of the National Cancer Moonshot. ..The panel may also recommend other cancer research activities to enhance this effort.**

**“The Panel will provide an intensive examination of the opportunities and impediments in cancer research... the Panel may call upon special consultants, assemble ad hoc work groups, convene workshops, and conduct other activities. Findings and recommendations of the Panel will be reported to the NCAB.**

**“The NCAB will use the Panel’s findings and recommendations to provide final recommendations to the NCI Director.”**

**(Presidential Memo 2016)**

# Blue Ribbon Panel

## Co-Chairs

**Tyler Jacks\***  
MIT

**Elizabeth Jaffee\***  
Johns Hopkins

**Dinah Singer**  
NCI

## Members

**Peter C. Adamson, M.D.\***  
Children's Hospital of Philadelphia

**James Downing**  
St. Jude Hospital

**Augusto Ochoa**  
Louisiana State Univ.

**James Allison**  
MD Anderson

**Levi Garraway**  
Harvard Medical School

**Jennifer Pietenpol**  
Vanderbilt Univ.

**David Arons**  
National Brain Tumor Society

**Gad Getz**  
Broad Institute

**Angel Pizzaro**  
Amazon Web Services

**Mary Beckerle**  
Univ. of Utah

**Laurie Glimcher**  
Weill Cornell

**Barbara Rimer**  
UNC

**Mitchel Berger\***  
UCSF

**Lifang Hou**  
Northwestern

**Charles Sawyers\***  
MSK

**Jeffrey Bluestone**  
Parker Institute

**Neal Kassell**  
Univ. Va.

**Ellen Sigal**  
Friends of Cancer Research

**Chi Dang\***  
U. Pen

**Elena Martinez\***  
UCSD

**Patrick Soon-Shiong**  
NantWorks

**Mikael Dolsten**  
Pfizer

**Deborah Mayer**  
UNC

**Wai-Kwan Alfred Yung**  
MD Anderson

**Edith Mitchell**  
Thomas Jefferson Univ.

\*Board member

## Charge to Blue Ribbon Panel

“The Blue Ribbon Panel ... will provide expert advice on the vision, proposed scientific goals, and implementation of the National Cancer Moonshot. ..The panel may also recommend other cancer research activities to enhance this effort.

“The Panel will provide an intensive examination of the opportunities and impediments in cancer research... the Panel may call upon special consultants, **assemble ad hoc work groups** ... Findings and recommendations of the Panel will be reported to the NCAB.

“The NCAB will use the Panel’s findings and recommendations to provide final recommendations to the NCI Director.”

(Presidential Memo 2016)

## **Blue Ribbon Panel Working Groups**

**“The Panel will provide an intensive examination of the opportunities and impediments in cancer research...”**

# BRP Working Groups

<b>Working Group</b>	<b>Co-Chair</b>	<b>NCI Staff</b>
<b>Cancer Immunology</b>	<b>Liz Jaffee, Jim Allison</b>	<b>Toby Hecht, Kevin Howcroft</b>
<b>Precision Prevention and Early Detection</b>	<b>Mary Bekerle, Jennifer Pietenpol</b>	<b>Elisa Woodhouse Tracy Lively</b>
<b>Tumor Evolution</b>	<b>Chi Dang, Levi Garraway</b>	<b>Joanna Watson, Suresh Mohla, Tony Dickherber</b>
<b>Clinical Trials</b>	<b>Charles Sawyers, Mitch Berger</b>	<b>Jeff Hildesheim Meg Mooney</b>
<b>Implementation Sciences</b>	<b>Elena Martinez, Augusto Ochoa</b>	<b>Bob Croyle, Wortá McCaskill- Stevens, Jennifer Couch</b>
<b>Pediatric Cancer</b>	<b>Peter Adamson Jim Downing</b>	<b>Judy Mietz Malcolm Smith</b>
<b>Enhanced Data Sharing</b>	<b>Angel Pizarro Gaddy Getz</b>	<b>Juli Klemm Betsy Hsu</b>

## **Blue Ribbon Panel Working Groups**

- **Each Working Group has ~12 members.**
- **In total more than 100 individuals are engaged in the Working Groups, including academic researchers, clinicians, industry representatives and advocates.**
- **Charge is to generate 2-3 recommendations of major scientific opportunities that are poised for acceleration.**
- **The Working Groups have been meeting weekly to discuss and formulate their recommendations**

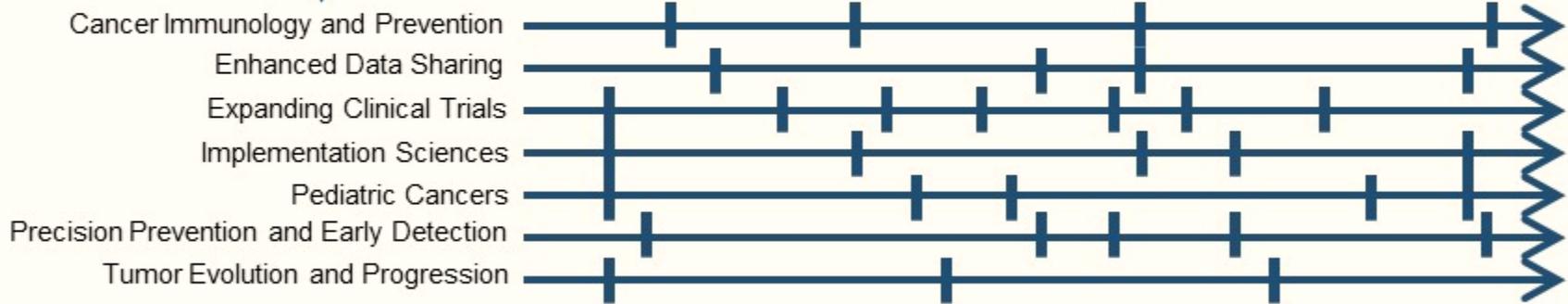
# NCI Blue Ribbon Panel Timeline



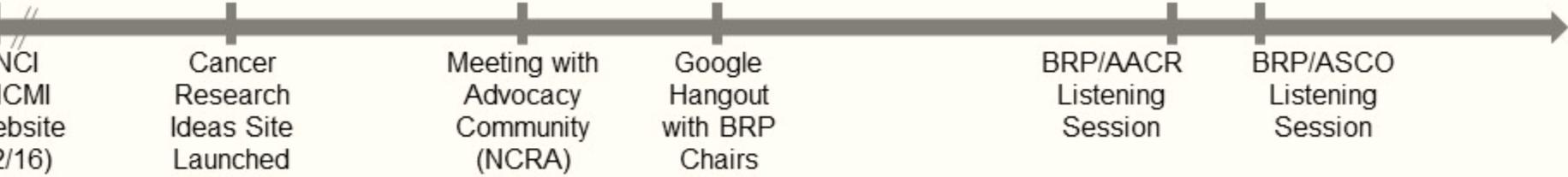
## Blue Ribbon Panel



## Working Group Meetings



## Public Engagement



## **Overview of Working Group Considerations**

- **Patient engagement to increase the number of people on clinical trials**
- **The need for a better understanding of resistance and relapse both in conventional and immunotherapy in children and adults through acquisition and multi-parameter characterization of tissues.**
- **The importance of developing an ecosystem of data sharing and analysis that underpins all of the other efforts.**
- **The importance of developing long-term strategies to prevent all cancers with early screening and detection, and vaccine and drug interception**
- **The need to systematically identify individuals with the highest hereditary risk for cancer (e.g. Lynch Syndrome)**
- **Better implementation of evidence-based preventive health interventions (e.g. HPV, tobacco, colon cancer)**

## **Cross-Cutting Themes**

- **National network of patient biological and clinical data**
- **Prevention**
- **Health disparities research**
- **Biomarkers**
- **Development of technology and preclinical models**
- **Data sharing, analytics and predictive computational modeling**
- **Collaboration; public-private partnerships**

**Blue Ribbon Panel Meeting with Vice President Biden**  
**June 13, 2016**



# **Scientific and Community Outreach Activities**

## **Goal:**

- **Provide public and experts beyond the Working Groups ways to submit ideas**
- **Increase the public's participation in the Cancer Initiative**

## **Approaches:**

- **Online public idea repository**
- **One-on-one public input: email**
- **BRP Listens sessions**
- **Professional meetings**

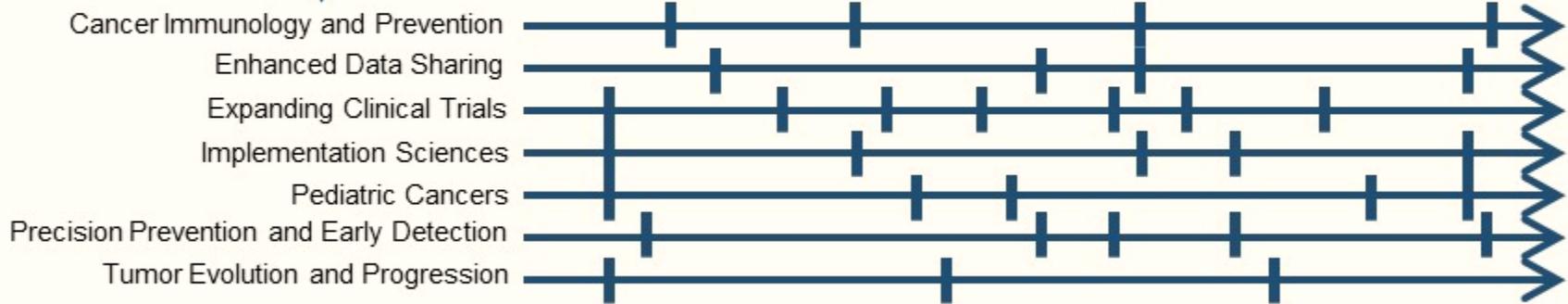
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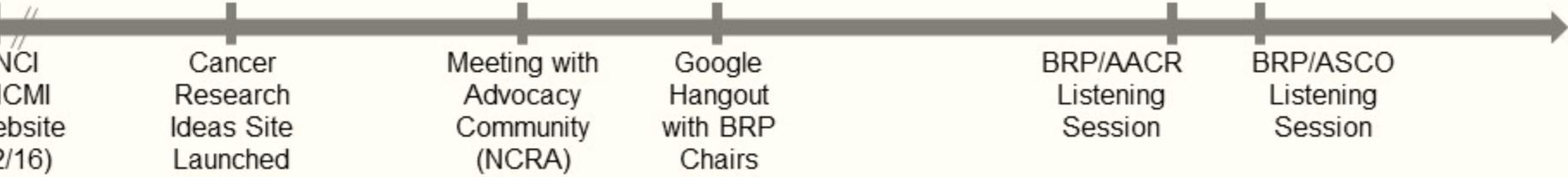
## Blue Ribbon Panel



## Working Group Meetings



## Public Engagement



# CANCER research ideas

Visit [CancerResearchIdeas.cancer.gov](http://CancerResearchIdeas.cancer.gov)  
to submit your idea and to see what  
others are sharing.

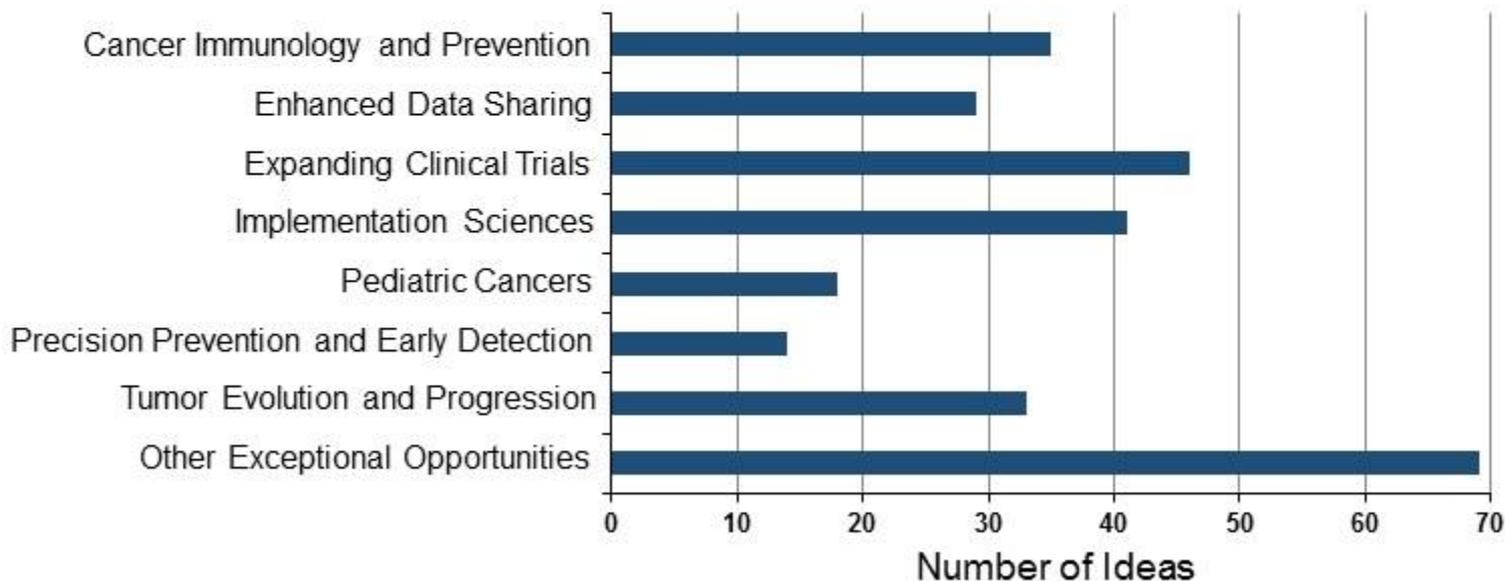
Follow the conversation at  
[#CancerMoonshot](https://twitter.com/CancerMoonshot)

Contribute your cancer research  
ideas for the National Cancer  
Moonshot Initiative!

U.S. Department of Health & Human Services | National Institutes of Health

## NCI Online Public Engagement Platform

285 ideas were submitted as of 6/6/16



# Blue Ribbon Panel - Next Steps

## April/May 2016

- Blue Ribbon Panel (BRP) discussion of its charge and organize working groups
- Working groups generate a series of recommendations
- NCI staff incorporate recommendations into draft reports

## June/July 2016

- BRP discusses and edits Working Groups recommendations
- Working Groups finalize their recommendations
- Working Group reports are integrated into a single coherent report

## July/August 2016

- BRP report circulated, edited, finalized and sent to the NCAB
- NCAB discusses the BRP report and make recommendations to the NCI

## August/October 2016

- NCI prepares FOA concepts for approval and publication

## January/March 2017

- Receipt date for applications responding to FOAs

## June/July 2017

- Review of applications
- Funding of awards

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**Cancer Moonshot Summit  
June 29, 2016**



# QUESTIONS?

