

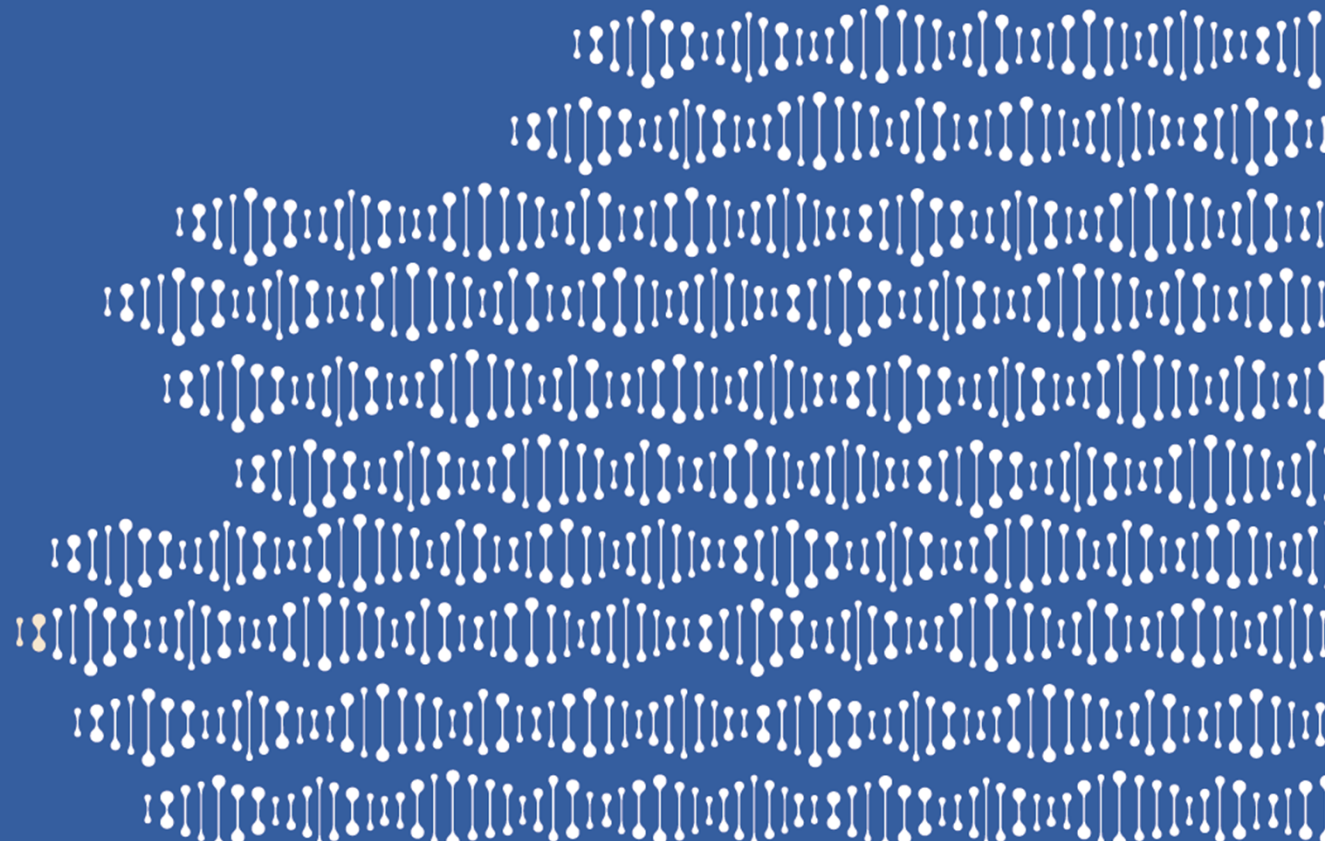


CANCER PREVENTION & RESEARCH  
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# CPRIT Overview

Cancer Centers Administrators Forum

April 4, 2016



# CPRIT's Unique Role in the Fight Against Cancer

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## **Overview:**

- Created by the Texas Legislature and citizens in 2007
- \$3 billion over 10 years funded by revenue bonds

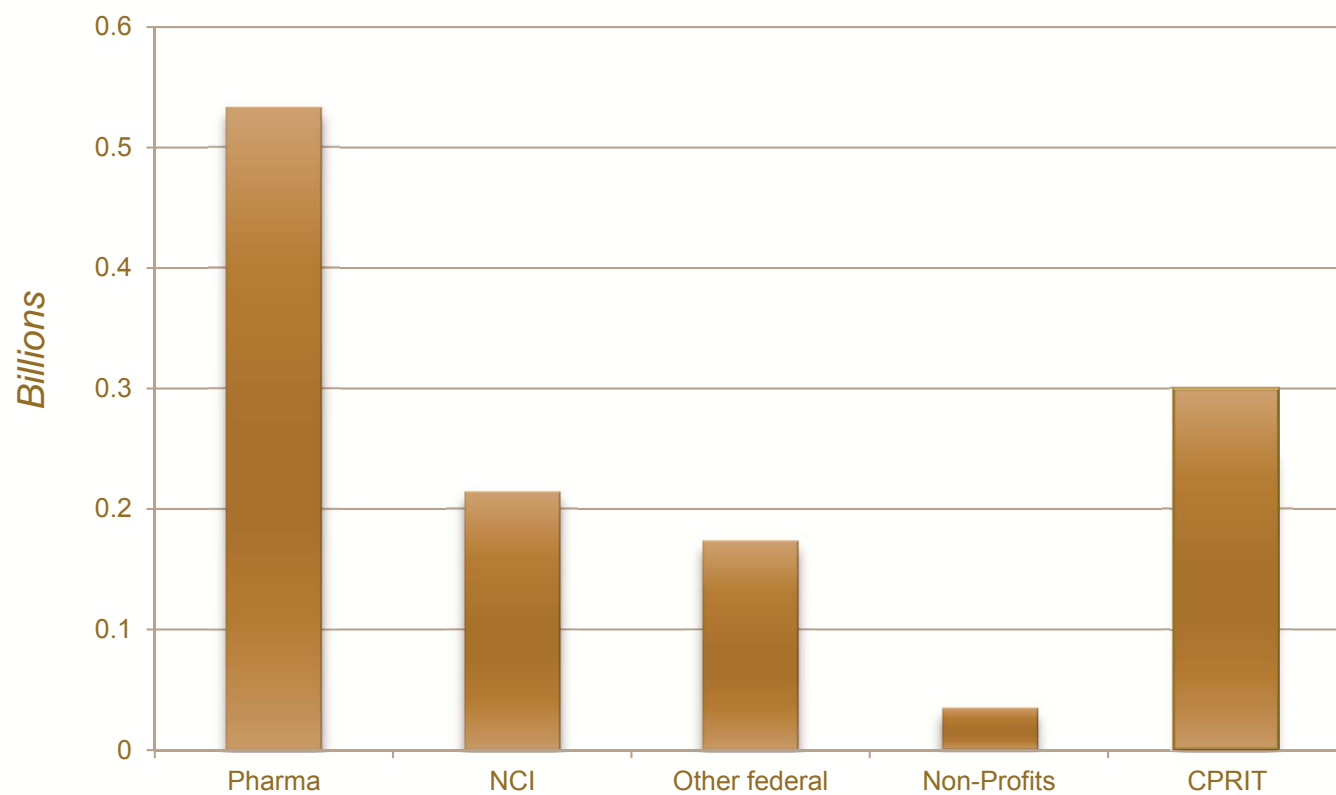
## **Mission:**

- Create and expedite innovation in cancer research into prevention and cures
- Attract, create, or expand research capabilities
- Enhance access to evidence-based prevention programs and services
- Create high-quality new jobs in Texas



# Cancer Funding Sources in Texas

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# CPRIT Action

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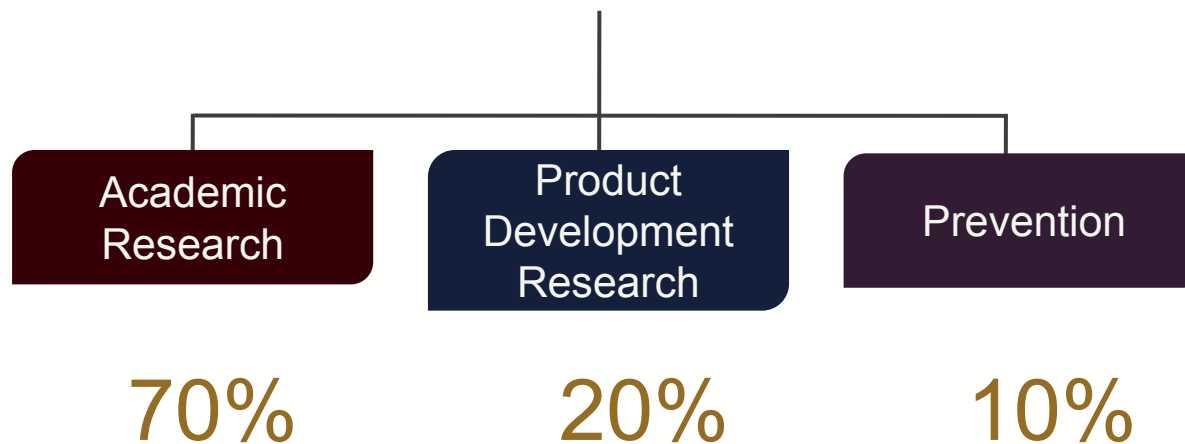
**Award merit-based, peer reviewed grants to Texas-based entities and institutions for cancer-related research, product development and the delivery of cancer prevention programs and services.**



# CPRIT Action

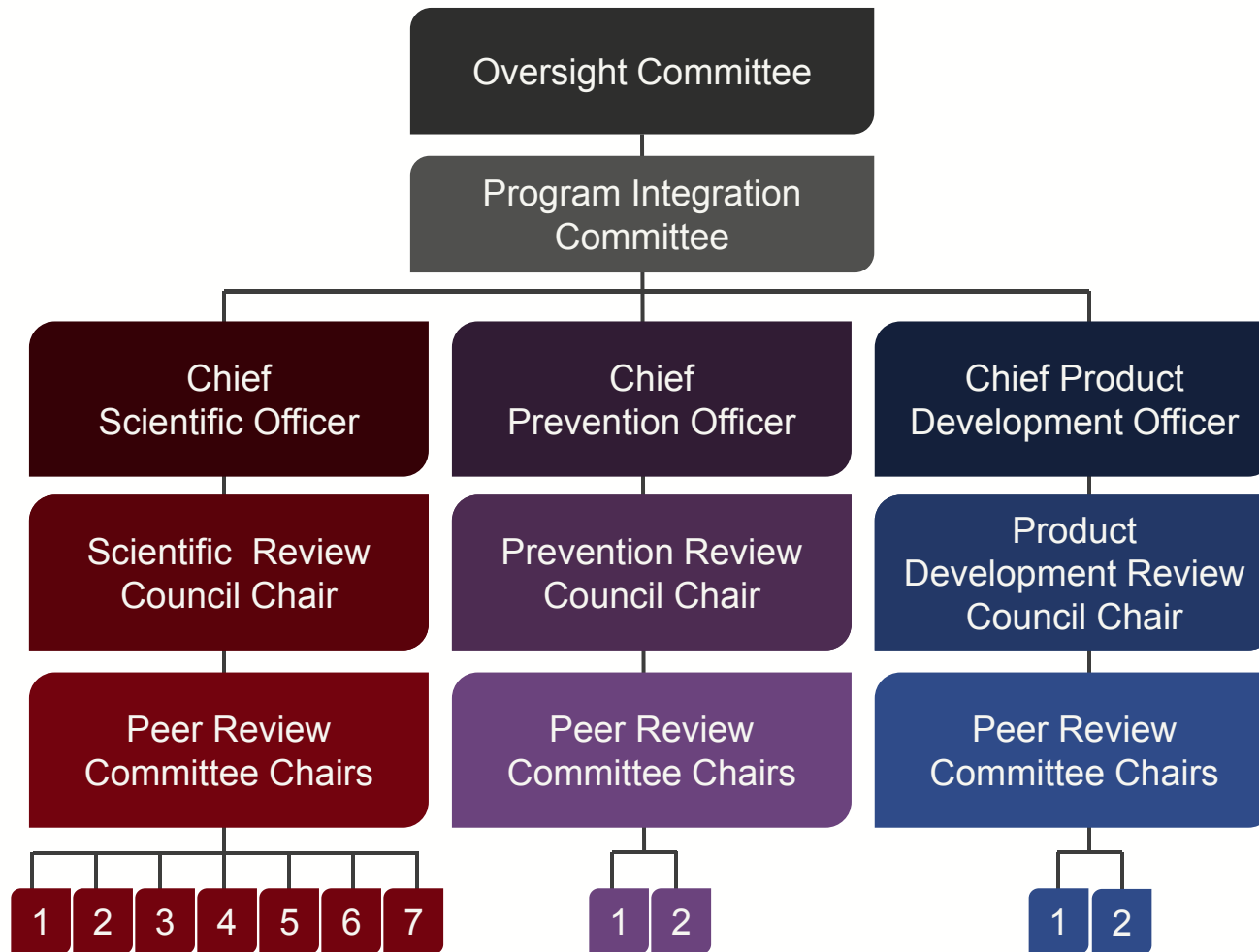
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**Award merit-based, peer reviewed grants to Texas-based entities and institutions for cancer-related research, product development and the delivery of cancer prevention programs and services.**



# Peer Review Structure

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# Research Program

## Goals

- Discover new information about cancer that can lead to prevention, early detection and cures
- Translate new and existing discoveries into practical advances in cancer diagnosis and treatment
- Increase the prominence and stature of Texas in the fight against cancer



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## Grants

### ➤ Research Grants:

- Individual Investigator Research Award  
(3 yrs., total \$900,000)
- High Impact-High Risk Research Awards  
(2 yrs., total \$200,000)
- Multi-Investigator Research Awards  
(5 yrs., total \$7,500,000)
- Core Facilities Support Awards  
(4 yrs., total \$6,000,000)
- Research Training Awards  
(5 yrs., total \$4,000,000)

Research Mechanisms

# Research Program

## Goals

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## Grants

### ➤ Research Recruitment Grants\*:

- Recruitment of First-Time, Tenure-Track (\$2,000,000)
- Recruitment of Rising Stars (\$4,000,000)
- Recruitment of Established Investigators (\$6,000,000)

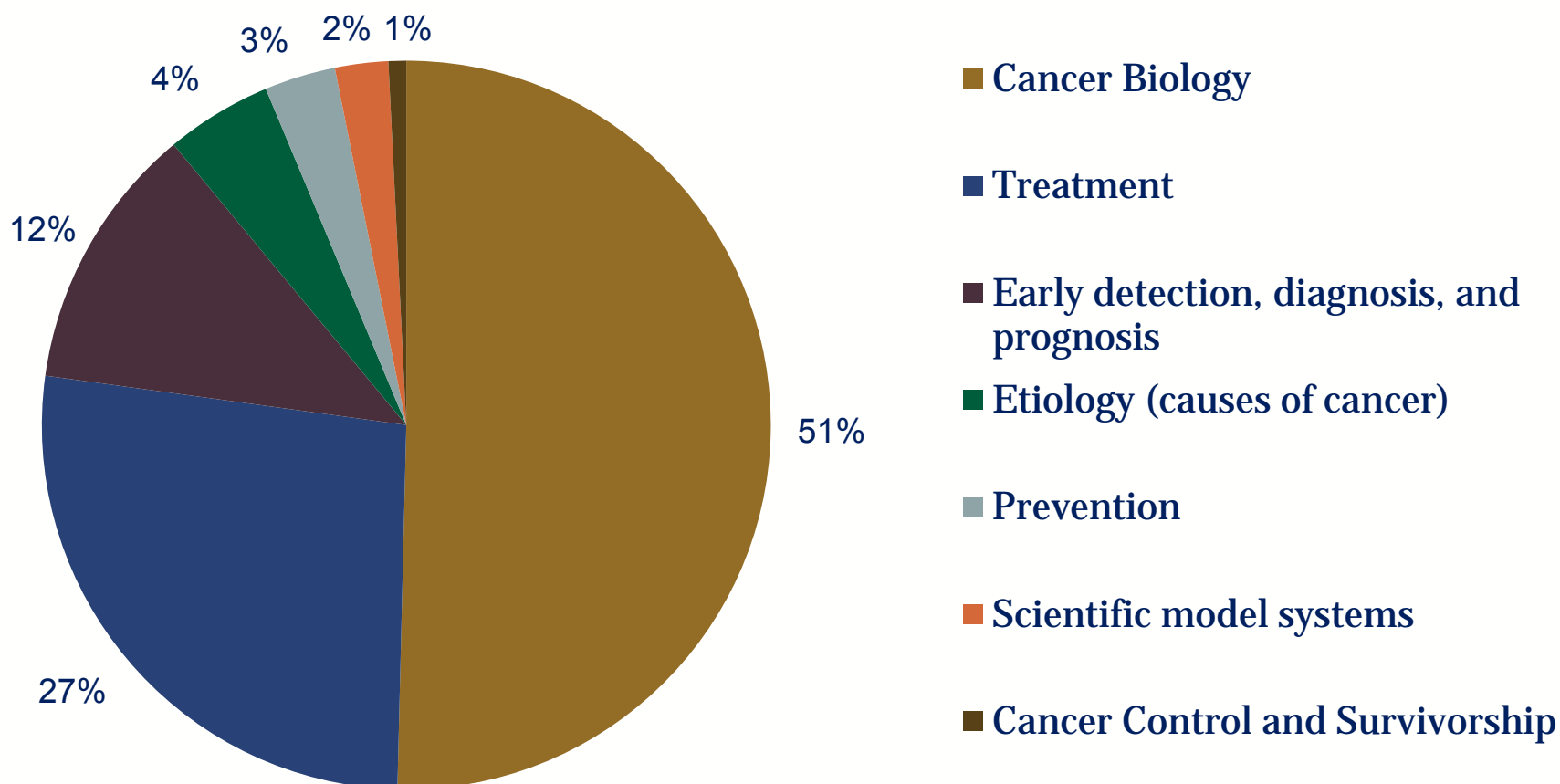
*\* Requires 50% institutional match*

Research Mechanisms

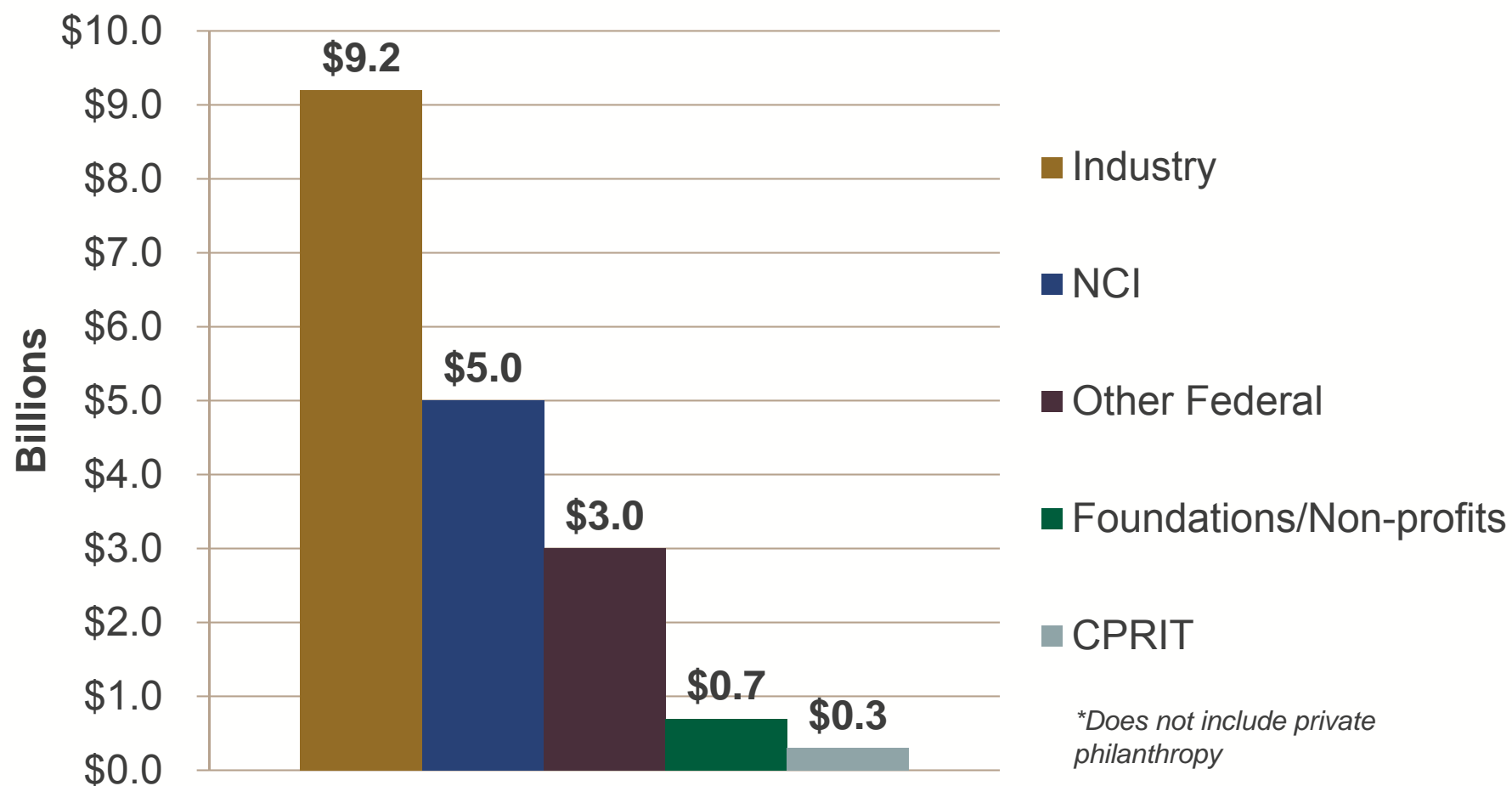


# Research: Current Portfolio

Distribution of Funded Grants by Research Area



# CPRIT Funding in Perspective



Source: "Report of the National Cancer Advisory Board AD Hoc Working Group, Dec. 2010"



# Priorities

## Principles

- Scientific excellence and impact on cancer
- Targeting underfunded areas
- Increasing the life sciences infrastructure



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## 2016 Research Program Priorities

- A broad range of innovative, investigator-initiated research projects
- Prevention and early detection
- Rare and intractable cancers, including childhood cancers
- Cancers of importance in Texas
- Computational biology and analytic methods

# Life Sciences Infrastructure

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## Scholar Recruitment Awards

As of Feb. 2016

Award Mechanism	# of Recruits	Total Award Amounts
Recruitment of Established Investigators	26	\$148.7M
Recruitment of First-Time, Tenure-Track Faculty	69	\$137.6M
Recruitment of Rising Stars	12	\$42.0M
<b>TOTALS:</b>	<b>107</b>	<b>\$328.3 M</b>



# Product Development Program

## Principles

Development of commercial products to diagnose and treat cancer

Creation of good, high-paying jobs for Texans

Sound financial return on the monies invested

Development of Texas high tech life sciences business environment

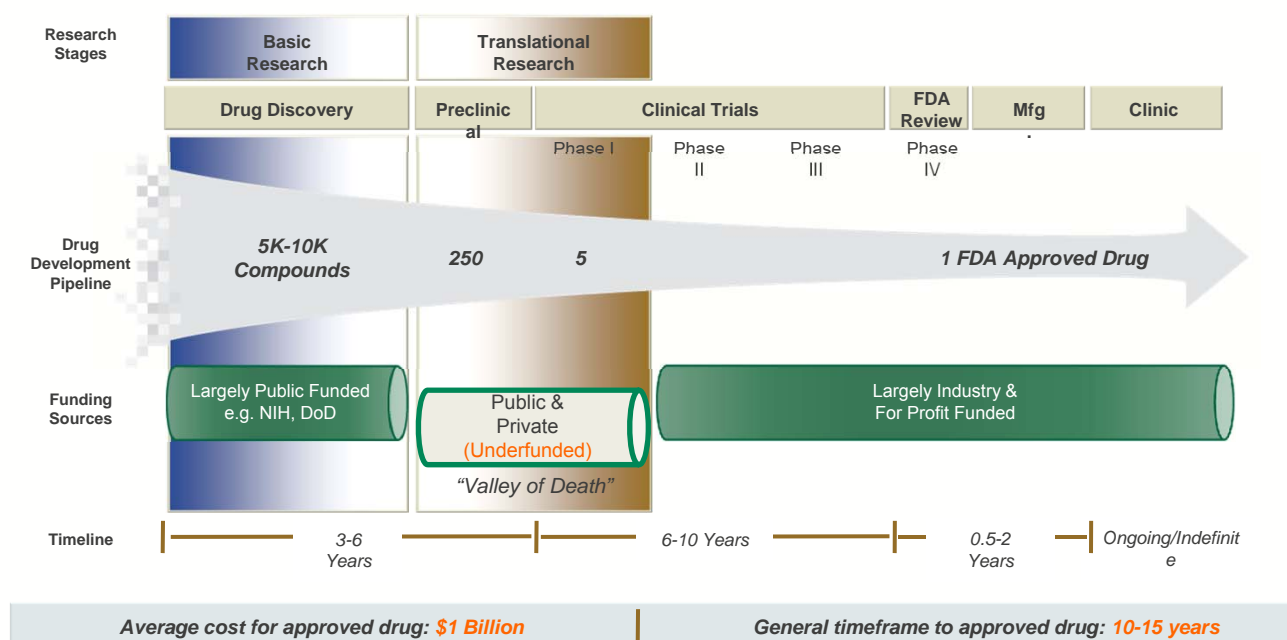


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## 2016 Product Development Program Priorities

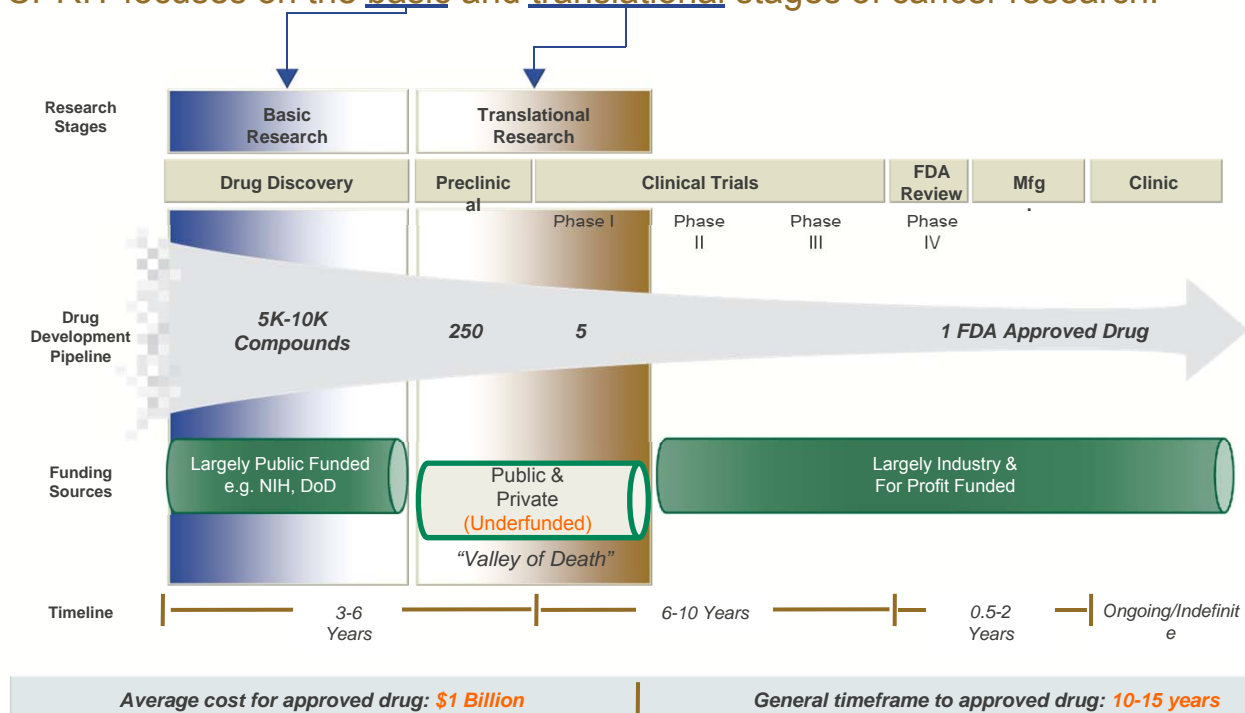
- Funding projects at Texas companies and relocating companies that are most likely to bring important products to the market
- Providing funding that promotes the translation of research at Texas institutions into new companies able to compete in the marketplace
- Identifying and funding projects to develop tools and technologies of special relevance to cancer research, treatment, and prevention

# CPRIT's Unique Role in Fighting Cancer



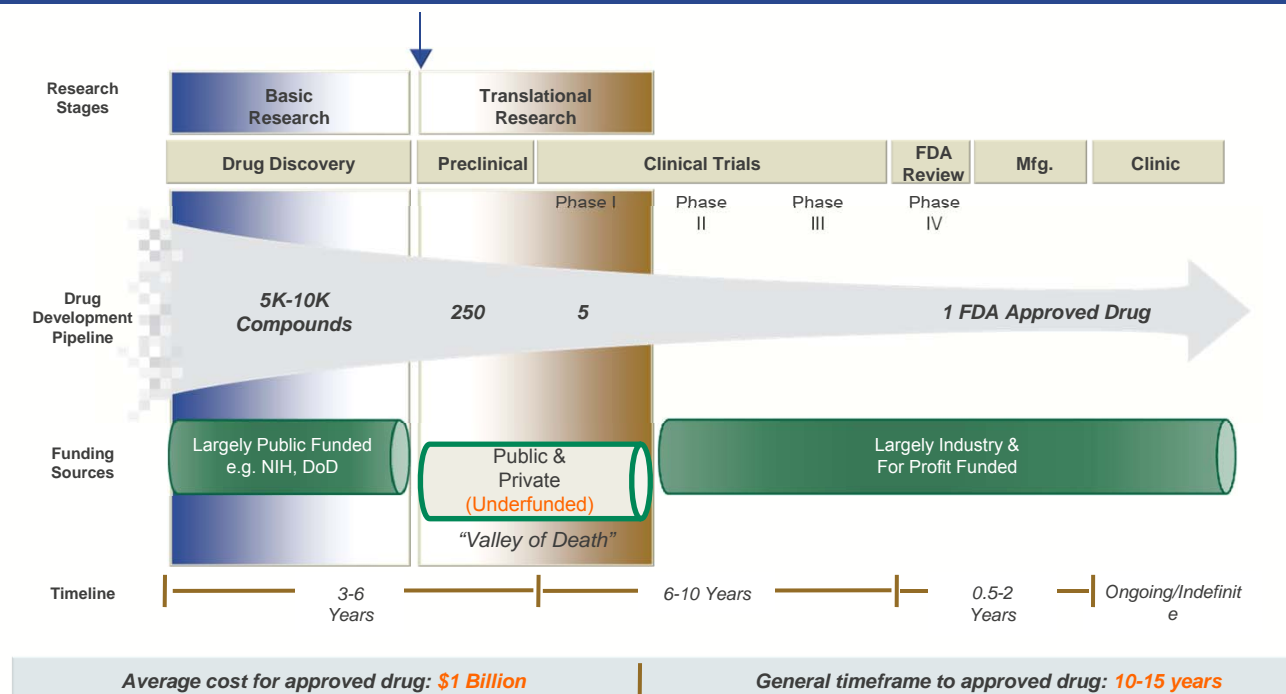
# CPRIT's Unique Role in Fighting Cancer

CPRIT focuses on the basic and translational stages of cancer research.



# Early Drug Development Award

Supports projects that "bridge the gap" between promising new discoveries achieved in the research laboratory and commercial development for a therapeutic, device, or diagnostic assay preclinical proof-of-principle data that demonstrate applicability to the planned clinical scenario.





# Prevention Program

## Principles

Fund evidence-based interventions and their dissemination

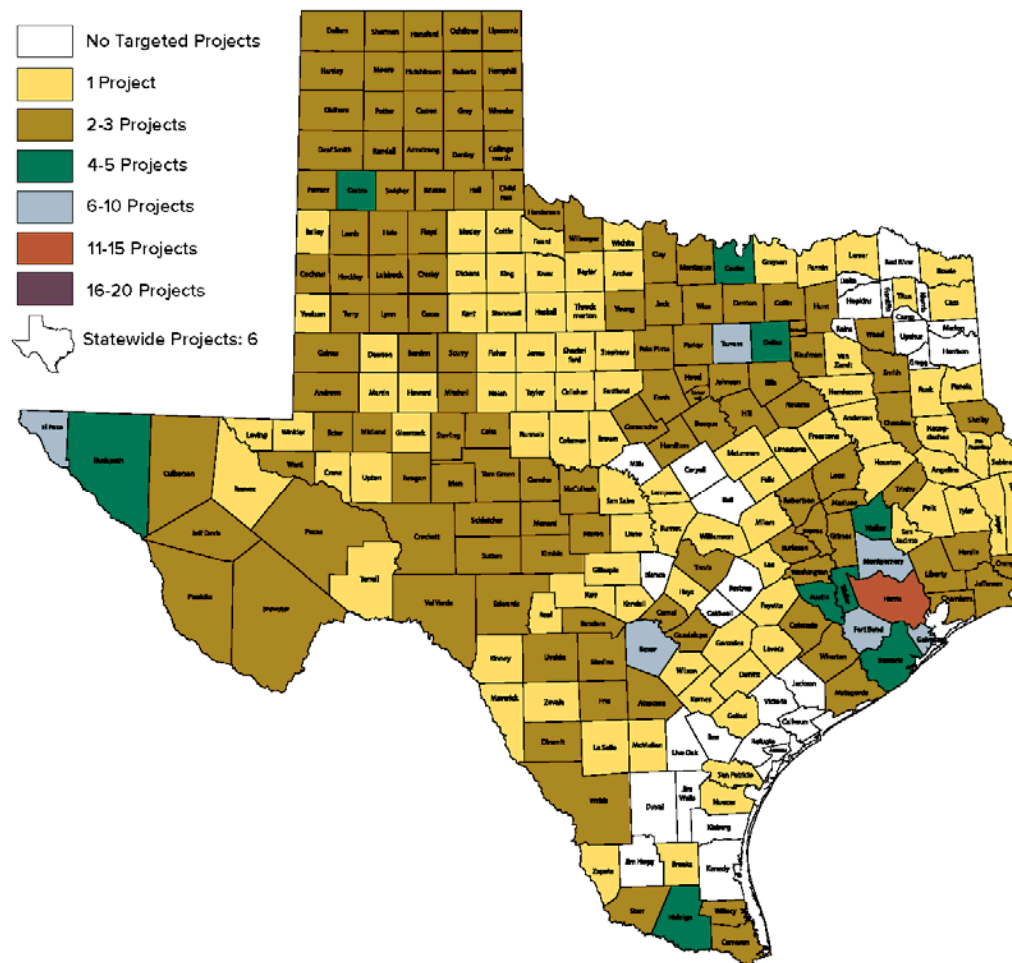
Support the continuum of primary, secondary and tertiary prevention interventions



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## 2016 Prevention Program Priorities

- Prioritize areas of greatest need, greatest potential for impact
- Focus on underserved populations
- Increase targeting of preventive efforts to areas where significant disparities in cancer incidence or mortality in the state exist





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CPRIT invests Texans' money, working with  
the best minds, to beat cancer.

