

# **HB 15/HJR 135: The Mental Health and Brain Research Institute of Texas**

**Andy Keller, PhD | March 20, 2023**

# Vision, Mission, Improvement Strategy

| 2

**Vision:** We envision Texas to be the national leader in treating people with mental health needs.

**Mission Statement:** To provide independent, non-partisan, data-driven, and trusted policy and program guidance that creates equitable systemic changes so all Texans can obtain effective, efficient behavioral health care when and where they need it.



# Attract the Best and Brightest

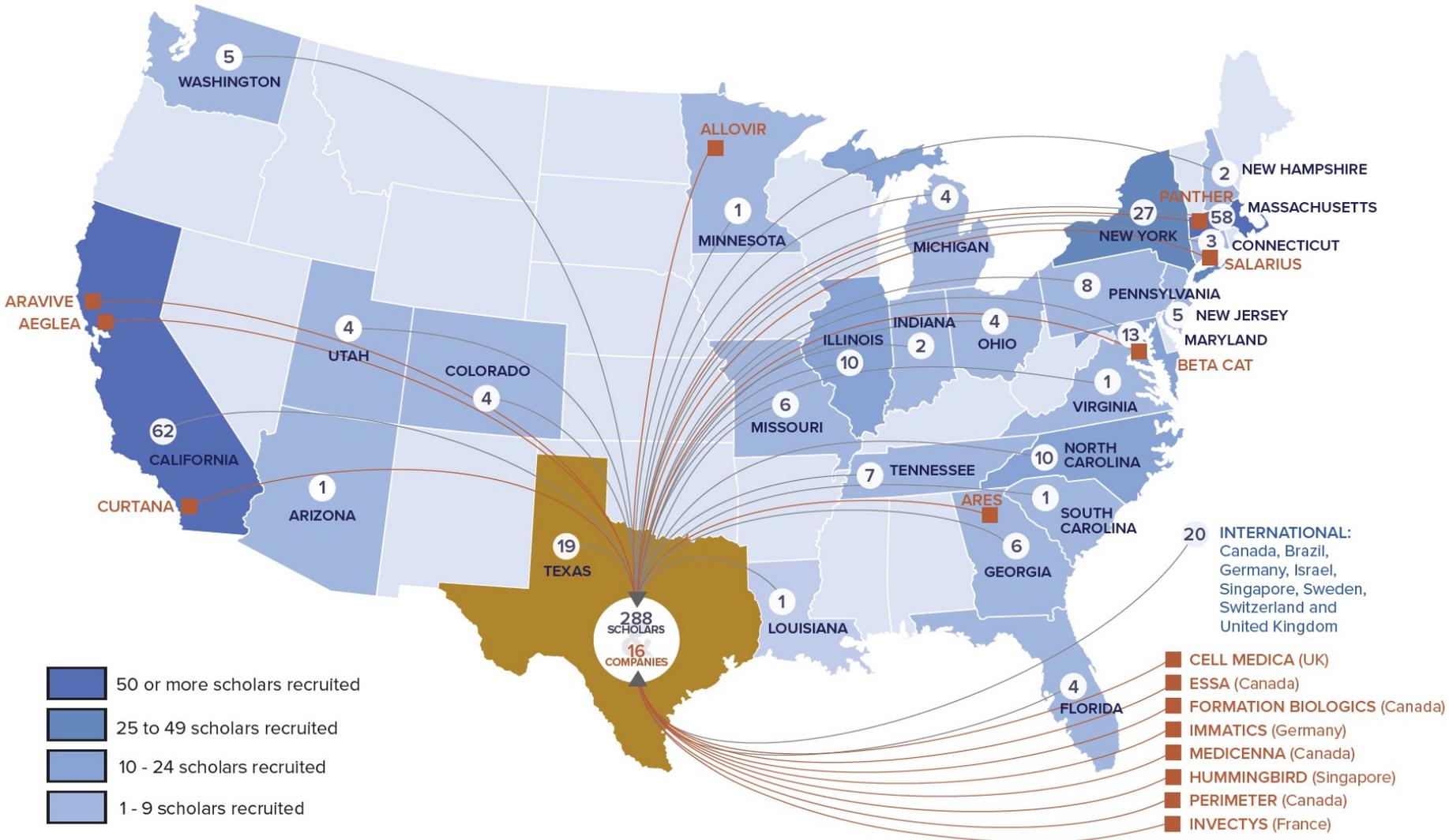
# CPRIT is the Model for Success

Texas has proven that sustained commitment to funding world-leading research both attracts researchers and grows the clinical workforce.

- Since CPRIT was established:
  - **288 cancer researchers and their labs** have moved to Texas, including 2018 Nobel Prize winner Jim Allison;
  - Over **7,840 permanent jobs** have been created; and
  - **52 companies** started, expanded, or relocated to Texas with investment totaling **\$580 million**.
- **World-leading research attracts world-leading clinical talent.**

The **Mental Health and Brain Research Institute of Texas** will attract **distinguished researchers** to Texas, building the capacity to recruit, develop, and train the professionals needed **to address the workforce crisis**.

# CPRIT Recruitment



- 50 or more scholars recruited
- 25 to 49 scholars recruited
- 10 - 24 scholars recruited
- 1 - 9 scholars recruited

# Ensure Texans Benefit

# CPRIT Ensures Texans Benefit

**CPRIT has expedited innovation breakthroughs for Texans.**

- Texas has achieved **three NCI-Designated Cancer Centers**. Previously, only **MD Anderson Cancer Center** held this designation. These Centers:
  - Deliver **cutting-edge cancer treatments** to patients; and
  - Are recognized for their **scientific leadership** in laboratory and clinical research, in addition to **integrating training and education** for biomedical researchers and health care professionals.

As a result, **46,442 patients** have participated in **263 clinical trials or studies**, statewide.



CANCER PREVENTION & RESEARCH  
INSTITUTE OF TEXAS

# This Can Also Happen for the Brain: The Duncan Neurological Research Institute

| 8

In 2010, Texas Children's Hospital and Baylor College of Medicine opened the Jan and Dan Duncan Neurological Research Institute (Duncan NRI).

- Since its founding, the Duncan NRI has grown from a \$4 million annual budget to **over \$40 million** and to **300 researchers**, who have discovered more than **85 new pediatric and adult disease genes for brain diseases, including mental health disorders.**
- **Eight clinical trials** are in development, and they partner **with over 500 institutions across the world** to collaborate on research.
- For every \$1 of private money invested, they have secured **over \$2.50 in National Institutes of Health (NIH) and other grant support.**



Jan and Dan Duncan  
Neurological Research Institute™

MEADOWS  
MENTAL HEALTH  
POLICY INSTITUTE

# Texas Child Mental Health Care Consortium

| 9

The Consortium demonstrates how **focused, coordinated research can build capacity** to benefit Texans in **every region of the state**. All 12 HRIs created the **largest pediatric mental health research network in the world** to improve quality of care and propagate best practices across Texas.

- The **Texas Childhood Trauma Research Network** focuses on **acute and chronic trauma** and best practices to help Texas children and their families heal from the effects of trauma.
- The **Youth Depression and Suicide Research Network** focuses on addressing **skyrocketing rates of youth depression and suicide**.

This infrastructure can be quickly scaled up to **build statewide capacity** and replicated to address other priorities for Texas children and families.



# Increase Investment in Texas

# Global Mental Health Research Investment

| 11

**Globally, mental health research is underfunded and underdeveloped.**

- **About \$3.7 billion per year is spent on mental health research worldwide, equivalent to less than 50 cents per person.**
- **Mental health research is underfunded compared to other diseases.** Both cancer (19.0%) and infectious disease (17.5%) received **more than twice as much global investment** as mental health research (7.4%).
- **Most investment focuses on the mental health of adults.**
- **This is significant, because half of all mental health conditions manifest by age 14, and 75% of lifetime cases present by young adulthood.**

# National Mental Health Research Investment

In the United States, mental health research is similarly undervalued, and **Texas receives far less than our fair share.**

- In FY 2022, the **National Institute of Mental Health (NIMH)** granted approximately **\$2.2 billion dollars**, which is **less than 5% of the total budget** (\$45.2 billion) for the NIH.
- During that year, **Texas grantees** received a total of **\$62 million from NIMH**, representing **less than 3% of federal mental health research dollars.**
- Although **Texas** is the nation's second largest state, **boasting 9% of the United States population**, this funding does not reflect a proportionate distribution of resources and benefit for the people of Texas.

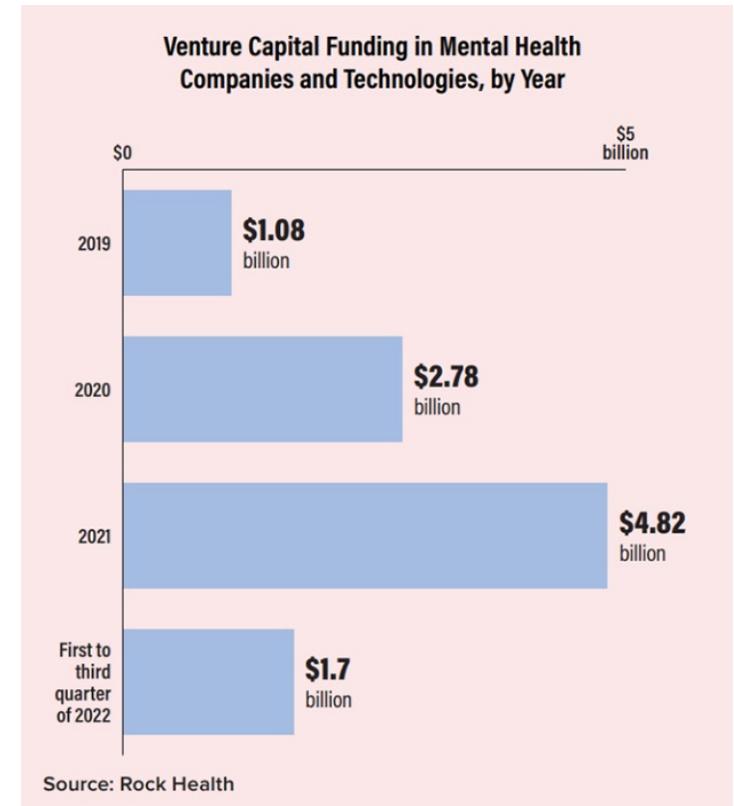


**Transforming the understanding  
and treatment of mental illnesses.**

# Bring Private Investment to Texas

The Mental Health and Brain Research Institute of Texas will also drive more private sector investment to Texas.

- CPRIT-funded academic research grantees and companies **raised over \$9 billion in follow-on funds**, exceeding CPRIT-funded awards by \$6.10 billion.
- Economic interest in mental health is growing, with venture capital investments in mental health totaling **\$4.82 billion** in 2021.
- The youth mental health market alone is projected to reach **\$26 billion by 2027**.



Texas needs to stake its claim **as the global leader in mental health and brain research**. This has the potential to **tap into billions of dollars in investments** beyond the amount invested in grants.

# Thank You!

For more information, visit [mmhpi.org](http://mmhpi.org).



MEADOWS  
**MENTAL HEALTH**  
POLICY INSTITUTE

**PASO *del* NORTE CENTER**  
Meadows Mental Health Policy Institute

TRAUMA & GRIEF CENTER AT  
THE HACKETT CENTER

CENTER FOR CHILD AND FAMILY WELLNESS

CENTER FOR JUSTICE AND HEALTH