

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

Andy Keller, PhD | March 20, 2023

Vision, Mission, Improvement Strategy

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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

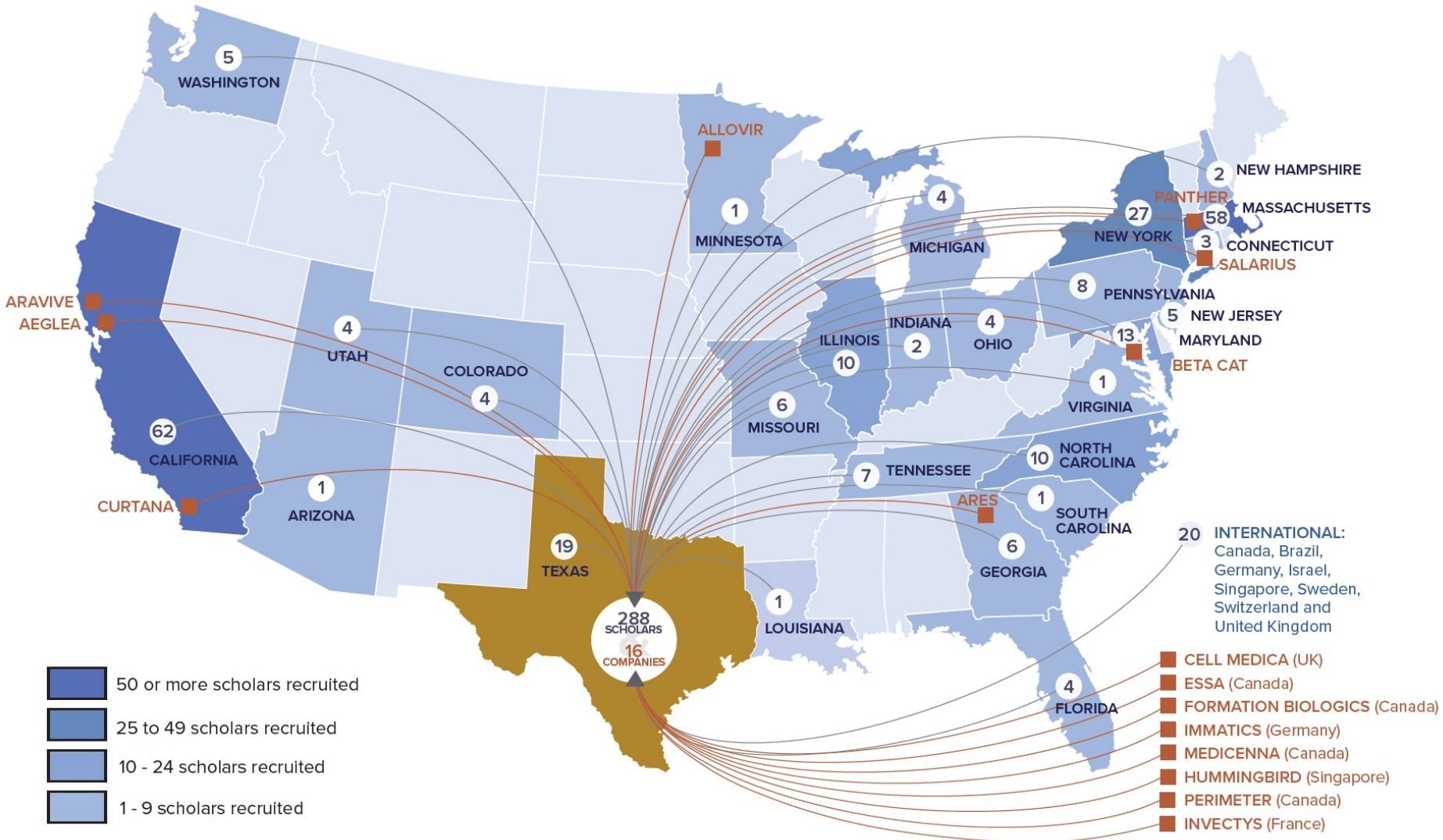
CPRIT is the Model for Success

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



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

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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

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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

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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

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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.

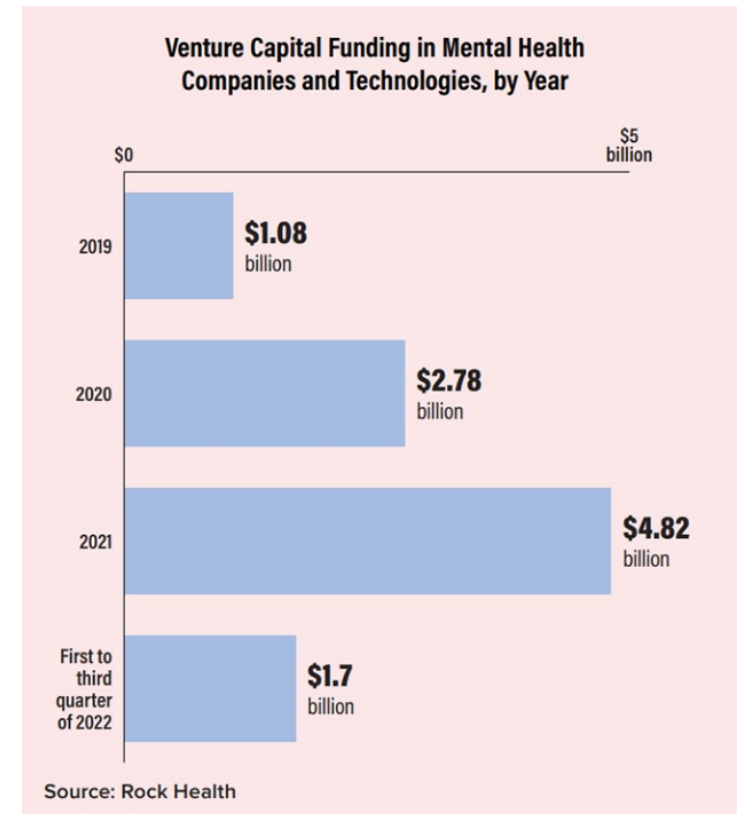


**Transforming the understanding
and treatment of mental illnesses.**

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.



MEADOWS
MENTAL HEALTH
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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