2023 Approved Research to date: $987,364

14 new research grants!

Dr. Elizabeth Andersen • $45,080 • Women's Mood Disorders

Using smartphone training to evaluate depressive symptoms in teens

This study aims to identify varying testosterone levels in teens' brains using a smartphone protocol to gauge emotions and depressive symptoms.

Dr. Joyce Besheer • $70,152 • Alcoholism / Substance Abuse

Studying the disruptive effects of weight loss medications on alcohol use

This study will investigate whether and how semaglutide (Ozempic) blunts the capability of alcohol to influence drinking behavior and relapse in alcohol use disorder.

Dr. Flavio Frohlich • $146,110 • Depression

Creating a short, effective treatment course for major depressive disorder

This grant tests the Carolina Recovery from Depression Protocol (CARED), a single-day, intense treatment combining non-invasive brain stimulation and psychotherapy to treat depression.

Dr. Alex Gertner • $39,900 • Behavioral Health Services

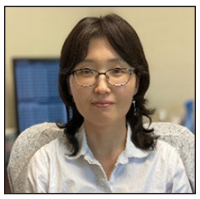
Tracking children's physical and behavioral health in rural NC

This project will study how NC Integrated Care for Kids, a new integrated care management program for children up to age 5 with complex medical and social needs, affects their behavioral health.

Dr. Rebecca Grzadzinski • $40,000 • Autism / Developmental Disabilities

Developing new wearable glasses to predict autism through biometric data

This project will use wearable technology that measures pupillary responses in infants and adults as a predictive biological marker for Autism Spectrum Disorder.



Dr. Yoonmi Hong • $27,044 • Schizophrenia

Investigating brain networking effects on behavior in children through MRI

We will develop a novel deep learning prediction model to investigate the association between white matter brain structure and behavior in children at high risk of developing schizophrenia.

Dr. Tyehimba Hunt-Harrison • $47,275 • Behavioral Health Services

Expanding mental health care access among teens in rural Black communities

This project adapts Youth Mental Health First Aid training to assist rural African Methodist Episcopal church leaders in supporting youth congregants with mental health challenges.

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Since 1984, The Foundation of Hope for Research and Treatment of Mental Illness has awarded 186 scientific research grants totaling more than $8.4 million; these funds have leveraged an additional $231 million from the National Institute of Mental Health and other federal and private agencies.

Dr. Rebekah Nash • $35,784 • Other Research

Improving patient care through data informatics and analysis

We will train and evaluate machine learning classification models for psychiatric diagnoses using software capable of mining structured and unstructured data in medical records.

Dr. Riah Patterson • $100,000 • Women's Mood Disorders

Monitoring inflammation in women receiving postpartum depression treatment

We will be studying the inflammatory changes and pathways to monitor therapeutic persistence in women who receive brexanolone infusions as a treatment for postpartum depression.

Dr. Julia Riddle • $45,791 • Women's Mood Disorders

Reducing depression, anxiety, and PTSD in women after losing a baby

This study focuses on mental health and stress responsiveness in the year following stillbirth and neonatal loss to understand the risks and determine intervention opportunities.

Dr. Danielle Roubinov • $199,000 • CHAAMP

Tracking PTSD symptoms and frequency in children and mothers after trauma

This project will examine risk and protective factors for the development of youth PTSD after caregivers have been exposed to trauma.

Dr. Ryan Vetreno • $98,592 • Alcoholism / Substance Abuse

Identifying underlying inflammatory markers of adolescent binge drinking

In this project, we will investigate the mechanism underlying persistent neuroinflammation in the brain using a model of adolescent binge drinking.

Dr. Melissa Walsh • $44,875 • Women's Mood Disorders

Piloting hormone replacement therapy treatment to mitigate Alzheimer's risk

This study aims to determine if perimenopausal estrogen treatment improves cognitive and brain markers associated with Alzheimer's Disease in APOE-4 carriers (the "Alzheimer's gene").

Dr. Guorong Wu • $47,761 • Other Research

Examining neural circuitry connections to prevent cognitive decline and dementia

We will apply novel statistics and machine learning methods to identify midlife risk factors for the prevention, intervention, and care of dementia.

39 Years of Impact

$8.4 M seeded ➡ $231 M total leveraged growth

To learn more, visit **www.walkforhope.com/research**