

STATE PORTFOLIO

# Ohio

**37**  
PROJECTS\*

**\$93.8**  
MILLION  
AWARDED

*\*Including 24 research projects, 10 projects that support engagement in research, and 3 awards to build research infrastructure. As of January 2019.*

## AWARDEE AND COMMUNITY PARTNERS INCLUDE

- Case Western Reserve University
- Cincinnati Children's Hospital Medical Center
- Cleveland Clinic Foundation
- Franklin County Help Me Grow
- Health Network by Cincinnati Children's
- Humana
- March of Dimes Central Ohio Chapter
- Ohio State University
- Pediatric Endocrine Society
- Schoenbaum Family Center
- TeamSickleCell
- Wright State University



### STUDY SPOTLIGHT: MENTAL AND BEHAVIORAL HEALTH

## Electroconvulsive Therapy versus Ketamine for Treatment-Resistant Depression

People with treatment-resistant depression fail to get relief from currently available antidepressants. Electroconvulsive therapy (ECT), which applies an electric charge to the brain to induce seizures, has been found effective in treatment-resistant depression. But it carries social stigma and causes side effects such as memory loss. The anesthesia drug ketamine has also been shown to be effective in treatment-resistant depression, and without causing memory loss. But no large-scale studies have tested the drug's safety and effectiveness. This study, based at the Cleveland Clinic, is directly comparing ECT and ketamine.

## CONDITIONS STUDIED INCLUDE



Cerebral Palsy



Diabetes



Mental and  
Behavioral Health



Obesity



Traumatic Brain  
Injury

PROJECTS FUNDED IN OHIO INCLUDE:

## RESEARCH PROJECTS

Comparing Ways to Manage Weight and Overall Health in Overweight and Obese Youth with Bipolar Spectrum Disorders Who Take Antipsychotic Medicines	University of Cincinnati	\$13 M
Comparing Electroconvulsive Therapy and Ketamine Treatment for Adults with Major Depression That Has Not Responded to Antidepressant Medicines	Cleveland Clinic Foundation	\$11 M
Determining the Effectiveness of Early Intensive versus Escalation Approaches for the Treatment of Relapsing-Remitting Multiple Sclerosis	Cleveland Clinic Foundation	\$11 M
Comparing the Effectiveness of Fatigue Management Programs for People with Multiple Sclerosis	Case Western Reserve University	\$4.9 M
High-Intensity Periodic versus Every-Week Therapy in Children with Cerebral Palsy	Ohio State University	\$3 M
Multi-Institutional Trial of Nonoperative Management of Uncomplicated Pediatric Appendicitis	The Research Institute at Nationwide Children's Hospital	\$2.8 M
Improving Postdischarge Outcomes by Facilitating Family-Centered Transitions from Hospital to Home	Cincinnati Children's Hospital Medical Center	\$2.3 M
Comparative Effectiveness of Family Problem-Solving Therapy for Adolescent Traumatic Brain Injury	Cincinnati Children's Hospital Medical Center	\$2.3 M
Comparative Effectiveness of a Virtual Reality Platform for Neurorehabilitation of Hemiparesis	Ohio State University	\$2.1 M
Engaging Parents of Children with Sickle Cell Anemia and Their Providers in Shared Decision Making for Hydroxyurea	Cincinnati Children's Hospital Medical Center	\$2 M
Using a Teachable Moment Communication Process to Improve Outcomes of Referrals to Smoking Quitlines	Case Western Reserve University	\$2 M
Comparative Efficacy of Therapies for Eosinophilic Esophagitis	Cincinnati Children's Hospital Medical Center	\$1.7 M
Randomized Controlled Trial of Laser Hair Depilation in Adolescents with Pilonidal Disease	The Research Institute at Nationwide Children's Hospital	\$1.7 M
Randomized Controlled Trial of a Patient Activation Tool in Pediatric Appendicitis	The Research Institute at Nationwide Children's Hospital	\$1.7 M
Patient-Centered Adaptive Treatment Strategies Using Bayesian Causal Inference	Cincinnati Children's Hospital Medical Center	\$1.5 M
Unlocking Clinical Text in EMR by Query Refinement Using Both Knowledge Bases and Word Embedding	Nationwide Children's Hospital and Ohio State University	\$1.1 M
Comparative Effectiveness of Rehabilitation Interventions for Traumatic Brain Injury	Ohio State University	\$860,000

## RESEARCH INFRASTRUCTURE PROJECTS

Development of Pilot People-Centered Communities Project	Cincinnati Children's Hospital Medical Center	\$9.5 M
A Learning Health System for Children with Crohn's Disease and Ulcerative Colitis (Phases I and II)	Cincinnati Children's Hospital Medical Center	\$2.8 M

## ENGAGEMENT IN RESEARCH PROJECTS

Building a Community-Based Research Network Project Block by Block	Cincinnati Children's Hospital Medical Center	\$250,000
I Have a Voice! Mental Health Recovery Support (Tiers I, II, and III)	Athens Photographic Project	\$90,000
Platelet Disorder Support Association Patient Conference	Platelet Disorder Support Association	\$46,000
Refugee-Centered Medical Home—PCMH Working Better for Our Newest Neighbors (Tiers I and II)	Wright State University	\$40,000
Building Capacity for Patient-Centered Comparative Effectiveness Research on Language Access for Patients with Diabetes (Tiers I and II)	Ohio State University	\$40,000