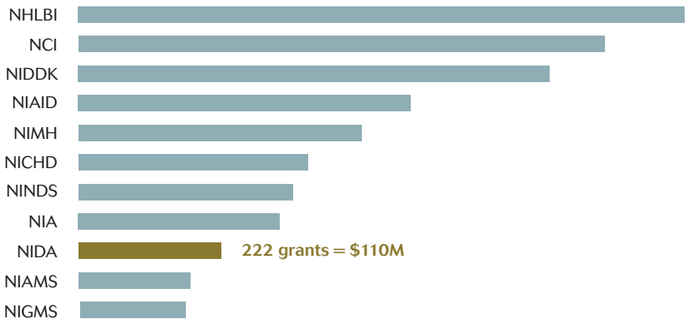
60 INSTITUTIONS

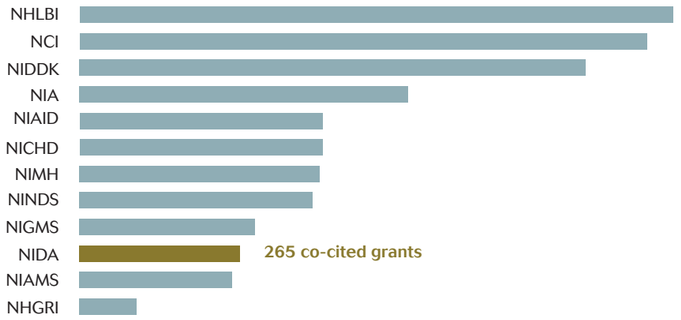
CTSAS ARE ALL BACKED BY AND INTEGRATED WITH LEADING ACADEMIC MEDICAL CENTERS

Albert Einstein College of Medicine • Boston University • Case Western Reserve University • Children's National Medical Center • Columbia University • Duke University • Emory University • Georgetown University and Howard University • Harvard University • Indiana University School of Medicine • Johns Hopkins University • Mayo Clinic • Medical College of Wisconsin • Medical University of South Carolina • Mount Sinai School of Medicine • New York University School of Medicine • Northwestern University • The Ohio State University • Oregon Health & Science University • Penn State • Milton S. Hershey Medical Center* • The Rockefeller University • The Scripps Research Institute • Stanford University • Tufts University • The University of Alabama at Birmingham • University of Arkansas for Medical Sciences • University of California, Davis • University of California, Irvine • University of California, Los Angeles* • University of California, San Diego • University of California, San Francisco • University of Chicago • University of Cincinnati • University of Colorado Denver • University of Florida • University of Illinois at Chicago • The University of Iowa • University of Kansas Medical Center* • University of Kentucky* • University of Massachusetts Medical School Worcester • University of Michigan • University of Minnesota, Twin Cities* • University of New Mexico Health Sciences Center • The University of North Carolina at Chapel Hill • University of Pennsylvania • University of Pittsburgh • University of Rochester School of Medicine and Dentistry • University of Southern California • The University of Texas Health Science Center at Houston • The University of Texas Health Science Center at San Antonio • The University of Texas Medical Branch at Galveston • The University of Texas Southwestern Medical Center at Dallas • The University of Utah • University of Washington • University of Wisconsin–Madison • Vanderbilt University • Virginia Commonwealth University • Washington University in St. Louis • Weill Cornell Medical College • Yale University

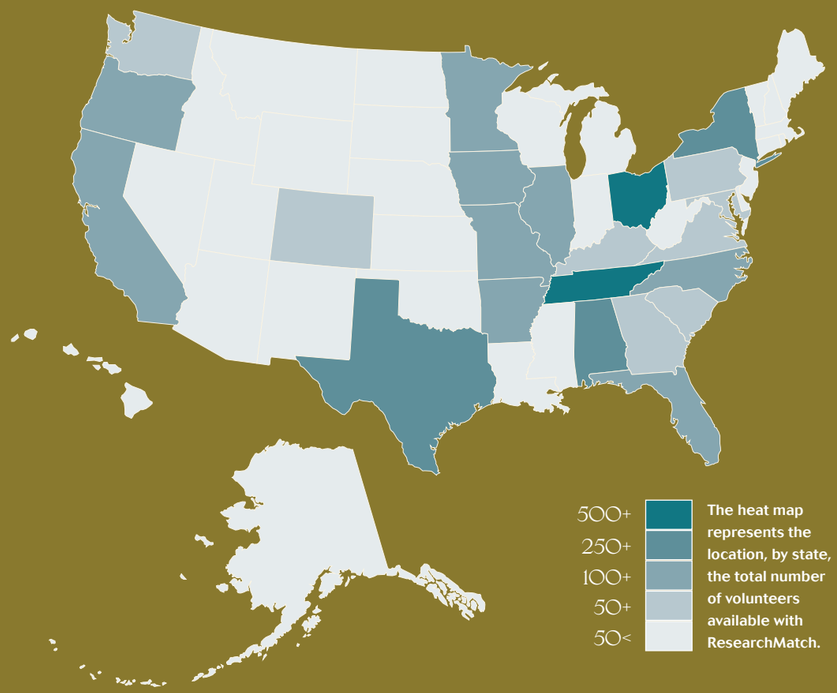
5,886 UNIQUE GRANTS WERE AWARDED FOR CTSA-SUPPORTED WORK



5,375 PUBLICATIONS BY CTSA-SUPPORTED RESEARCHERS RECEIVED CTSA SUPPORT



* All data based on 2010 reporting



Volunteers available in ResearchMatch

19,759 Volunteers ready to participate in studies

research match

	Total	Addiction-related studies	% Addiction-related studies
Active studies	301	3	1%
Institutions	65	2	3%

CTSA NIDA ANNUAL SUMMARY 2011

The CTSAs support the innovation and partnerships necessary to bridge the traditional divides between basic research and medical practice. The combination of resources and collaboration made possible by these awards is essential for developing and delivering new treatments and prevention strategies.

NIH Director Francis S. Collins, M.D., Ph.D.

This Clinical and Translational Science Awards (CTSA) consortium publication is funded in part by U.S. National Institutes of Health Grant 1U54RR032646-01. Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the NIH.

REDCAP FOR NINDS

The CTSA-supported REDCap tool is used by 418 active institutional partners including almost all CTSAs. REDCap is designed to support data capture for research studies and allows users to build and manage online surveys and databases quickly and securely. It is currently in production use or development build status for more than 40,430 studies with over 54,120 users spanning numerous research focus areas including those of critical importance to NIDA. REDCap includes studies such as:

Maternal smoking cessation and reduced academic and behavioral problems in offspring.
Piper BJ, Gray HM. Drug Alcohol Depend. 2011 Sep 19. [Epub ahead of print].

Enabling distributed electronic research data collection for a rural Appalachian tobacco cessation study.
Borlawsky TB, Lele O, Jensen D, Hood NE, Wewers ME. J Am Med Inform Assoc. 2011 Aug 17. [Epub ahead of print].

ABOUT CTSA

The CTSA program creates academic homes for clinical and translational science at 60 health research institutions nationwide. The CTSAs are committed to reducing the time it takes for laboratory discoveries to become treatments for patients, to engaging communities in clinical research efforts, and to training a new generation of clinical and translational researchers. The CTSA program is funded by the National Institutes of Health through its National Center for Advancing Translational Sciences.

Each CTSA site is required to provide the following resources:

- Regulatory support
- Pilot funding
- Clinical research facilities
- Informatics
- Education, training and career development
- Community engagement
- Biostatistics

Consortium activities focus on:

- Clinical and Translational Research Management Capability
- Training and Career Development of Clinical and Translational Scientists
- Enhancing Consortium-Wide Collaborations
- Enhancing the Health of Our Communities and the Nation
- T1 Translation

Karen Hartwell, M.D.

Medical University of South Carolina, Clinical Neuroscience Division

INVESTIGATOR SPOTLIGHT

Tobacco dependence continues to be the leading cause of preventable illness and death in the U.S.; about 440,000 people die from smoking-related conditions each year.

Karen is the lead investigator in a series of studies on nicotine addiction. Her CTSA-supported studies focus on neuroimaging brain activation associated with cigarette craving.

In a study, dependent smokers viewed blocks of smoking and neutral cues alternating with rest periods during magnetic resonance imaging scanning. While viewing cues or control images, participants were instructed to allow or resist craving.

Adrianne

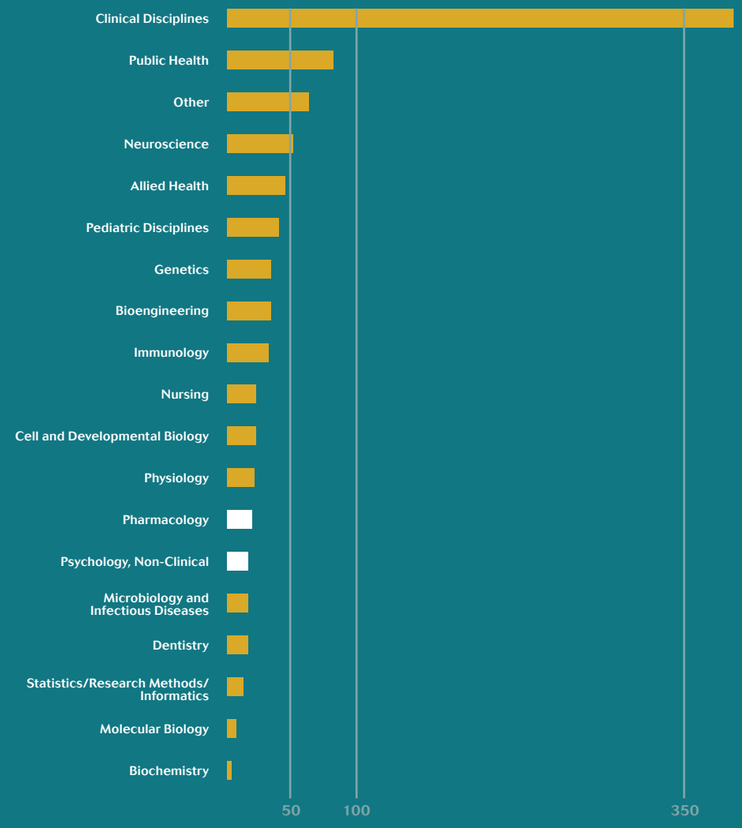
VOLUNTEER SPOTLIGHT

Adrianne has seen the devastating effects drug addiction through her work in health care. She is very engaged in supporting research to find non-addictive medications to aid in controlling pain.

"The damages of drug abuse, even prescription drugs, is pervasive and is debilitating to families as well as individuals and that kind of research must be applauded," she said.

CTSAs supported 930

clinical and translational scholars and trainees in 2010.



Visibility: Examples of high impact

CTSA SUPPORT	PUBLISHED TITLE	INSTITUTION/ REFERENCE
Pilot Study	Injectible candidate sealants for fetal membrane repair: Bonding and toxicity in vitro	**Northwestern University** /Am J Obstet Gynecol. 2010 Jan; 202(1): 85.e1-9.
CTSA phlebotomy services: Support from the Johns Hopkins CTSA Genome-Wide Association Study (GWAS) Innovative Methodology Workgroup	Common variants in KCNN3 are associated with lone atrial fibrillation	**Case Western Reserve University, Johns Hopkins University, The Scripps Research Institute** /Nat Genet. 2010 Mar; 42(3): 240-4. Epub 2010 Feb 21.
Support from the CTSA Genome-Wide Association Study (GWAS) Innovative Methodology Workgroup	Large-scale candidate gene analysis in whites and African-Americans identifies IL6R polymorphism in relation to atrial fibrillation: the National Heart, Lung and Blood Institute's Candidate Gene Association Resource (CARe) project	**Johns Hopkins University** /Circ Cardiovasc Genet. 2011 Oct; 4(5): 557-64. Epub 2011 Aug 16.

CTSA helps plant seeds for meaningful research.

ESTIMATED 1,898 PILOT STUDIES

NIDA-related work: 15
Based on 36 out of 60 reporting sites.

PRELIMINARY RESULTS/ FINDINGS

MANUSCRIPTS

PEER-REVIEWED SCIENTIFIC PROGRAMS

NIH GRANT SUBMISSIONS

CTSA projects are of excellent quality and CTSA-supported investigators publish in high impact journals.

CTSA primary contacts to NIDA:

Kathleen Brady, M.D., Ph.D.
bradyk@musc.edu

Daniel Ford, M.D., M.P.H.
dford@jhmi.edu

CTSACentral.org

(855) 514-7001