

60 INSTITUTIONS

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

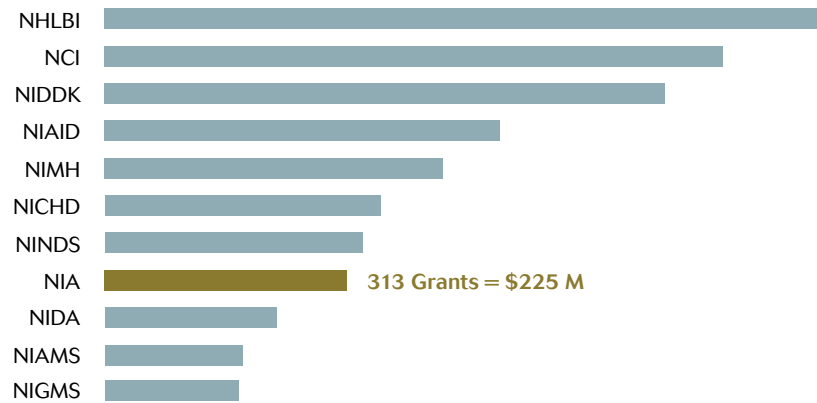
Albert Einstein College of Medicine • Boston University • Case Western Reserve University • Children's National Medical Center • Columbia University • Duke University • Emory University • Georgetown University and Howard University • Harvard University • Indiana University School of Medicine • Johns 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. Eshelman 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 •

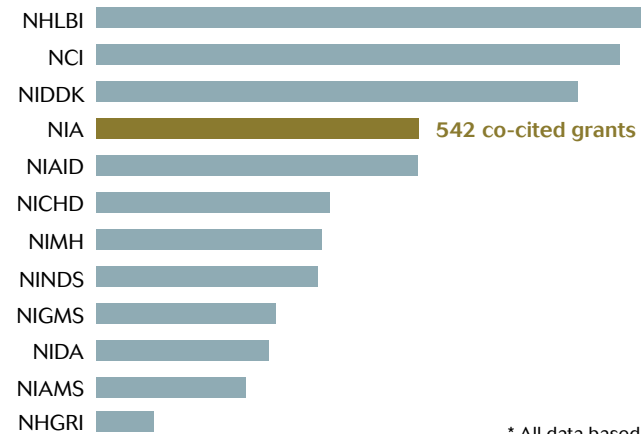
University of Colorado Denver • University of Florida • University of Illinois at Chicago • The University of Iowa • University of Kansas Medical Center* • University of Kentucky* • University of Massachusetts Medical School Worcester • University of Michigan • University of Minnesota, Twin Cities* • 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

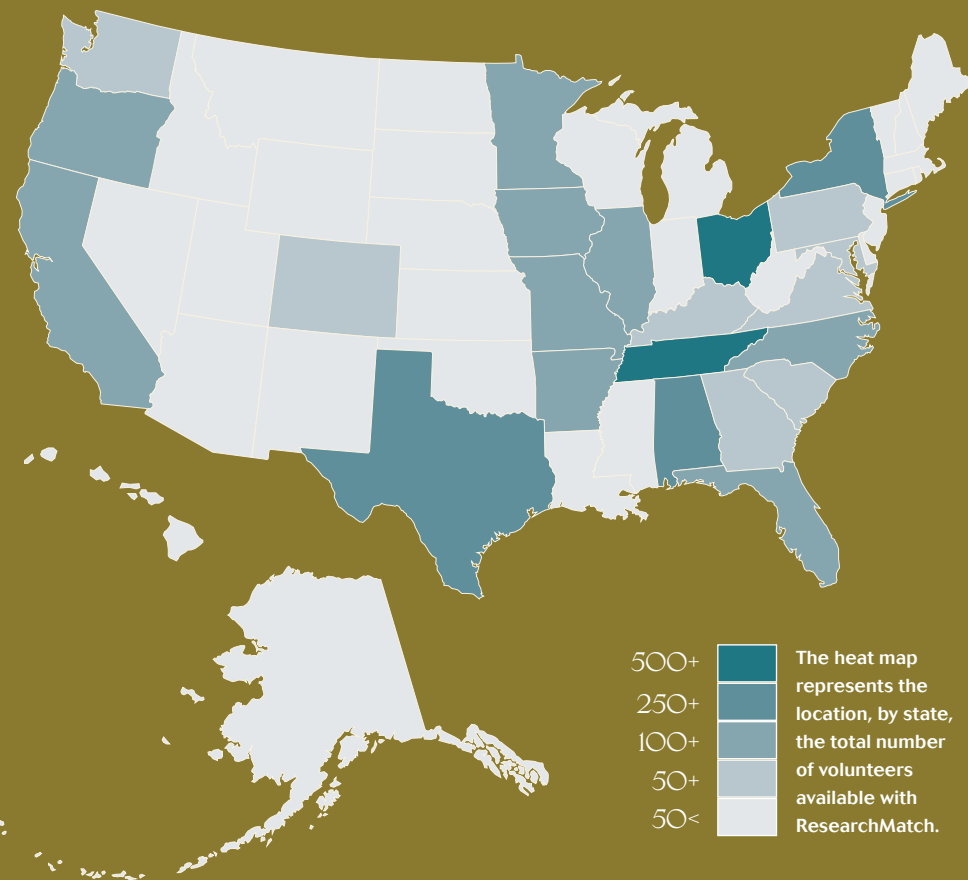
5,886 UNIQUE GRANTS WERE AWARDED FOR CTSA-SUPPORTED WORK



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



* All data based on 2010 reporting



Volunteers available in ResearchMatch

	Total	Age Related Studies	% Age Related Studies
Volunteers ready to participate in studies	19,759	3,450	17%
Active studies	301	7	2%
Institutions	65	5	8%

CTSA

NIA ANNUAL SUMMARY 2011

The CTSA's 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.

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REDCAP FOR NIA

The CTSAs 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 the NIA. **REDCap includes studies such as:**

The Brain Recovery Core: Building a System of Organized Stroke Rehabilitation and Outcomes Assessment Across the Continuum of Care.

Lang CE, Bland MD, Connor LT, Fucetola R, Whitson M, Edmiaston J, Karr C, Sturmoski A, Baty J, Corbetta M.

J Neurol Phys Ther. 2011 Dec; 35(4):194-201.

Clinical Symptoms of Skin, Nails, and Joints Manifest Independently in Patients with Concomitant Psoriasis and Psoriatic Arthritis.

Wittkowski KM, Leonardi C, Gottlieb A, Menter A, Krueger GG, Tebbey PW, Belasco J, Soltani-Arabshahi R, Gray J, Horn L, Krueger JG; for the International Psoriasis Council.

PLoS One. 2011; 6(6):e20279. Epub 2011 Jun 1.

Do Rates of Arthritis and Chorea Predict the Incidence of Acute Rheumatic Fever?

Tunks RD, Rojas MA, Edwards KM, Liske MR.

Pediatr Int. 2011 Mar 15. doi: 10.1111/j.1442-200X.2011.03352.x. [Epub ahead of print].

ABOUT CTSAs

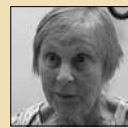
The CTSAs program creates academic homes for clinical and translational science at 60 health research institutions nationwide. The CTSAs are committed to reducing the time it takes for laboratory discoveries to become treatments for patients, to engaging communities in clinical research efforts, and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

Each CTSAs 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



VOLUNTEER SPOTLIGHT

Mary

Scientists have learned that patients often experience negative effects from ICU treatments, with a striking relationship between the quantity of sedatives given and brain dysfunction.

Mary, who had trouble remembering things, has entered a clinical trial in the hopes of finding ways to lessen the burden of delirium in ICU patients. Due to volunteers like Mary, the acquired delirium has been reduced. Led by Wes Ely, M.D., M.P.H, founder of the Vanderbilt ICU Delirium and Cognitive Impairment Study Group, the multicenter investigation shows reduction of ICU drugs makes a difference in patients.



INVESTIGATOR SPOTLIGHT

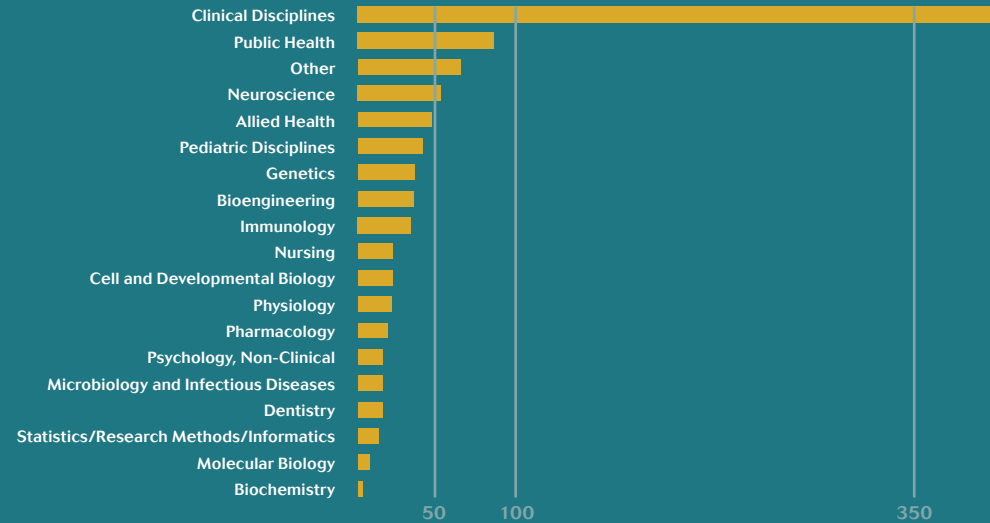
Marco Pahor, M.D

Director, KL2 career development program
University of Florida

Marco's studies on aging and exercise have appeared in more than a dozen media outlets nationwide, including Reuters, *U.S. News & World Report* and the *Los Angeles Times*. He leads the national LIFE study, a CTSAs-supported multicenter trial involving 1,600 sedentary older adults who are followed for nearly three years.

Marco has argued in editorials that structured exercise and physical activity programs should be covered by insurance as a way to promote health and reduce health care costs.

CTSAs supported 930 clinical and translational scholars and trainees in 2010.



Drugs, biologics and devices

Food and Drug Administration

Outcomes reported

% NIA activity

764 Drug license applications

5%

80 Patent applications

9%

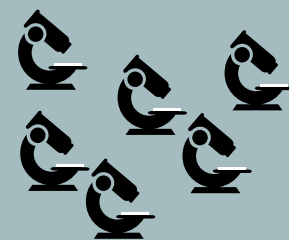
57 Invention disclosures

4%

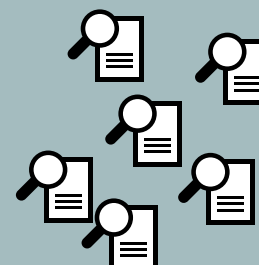
CTSAs help plant seeds for meaningful research.

ESTIMATED 1,898 PILOT STUDIES

NIA-related work: 49
Based on 36 out of 60 reporting sites.



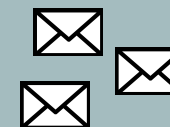
PRELIMINARY RESULTS/ FINDINGS



MANUSCRIPTS



NIA GRANT SUBMISSIONS



PEER-REVIEWED SCIENTIFIC PROGRAMS



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