

# NCATS ADVANCING TRANSLATION

Elaine Collier, M.D.  
Acting Director, Division of Clinical Innovation  
February 24, 2014

# NCATS Mission



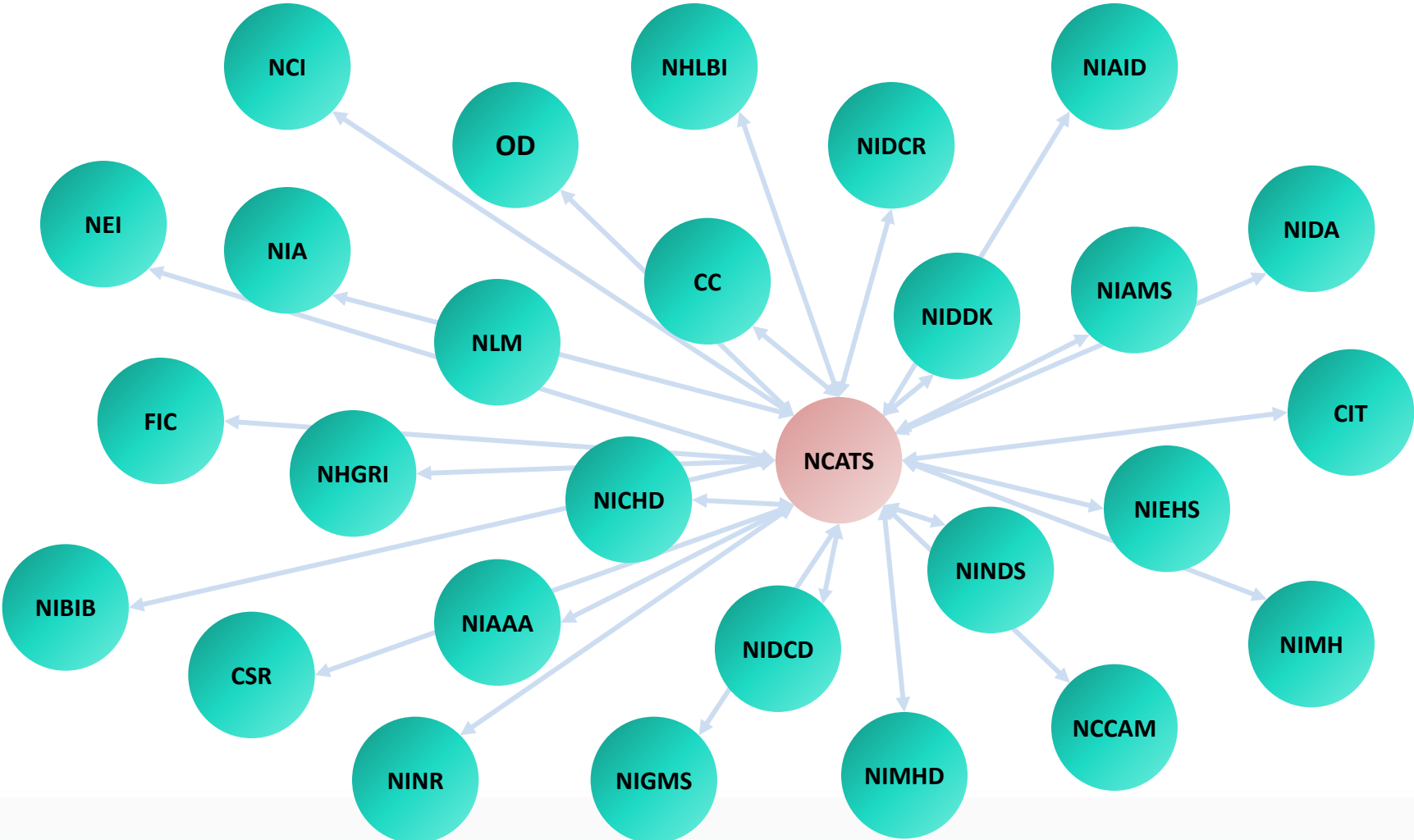
To catalyze the generation of innovative methods and technologies that will enhance the development, testing and implementation of diagnostics and therapeutics across a wide range of human diseases and conditions.

# *NCATS Mission: an informal but important modification*

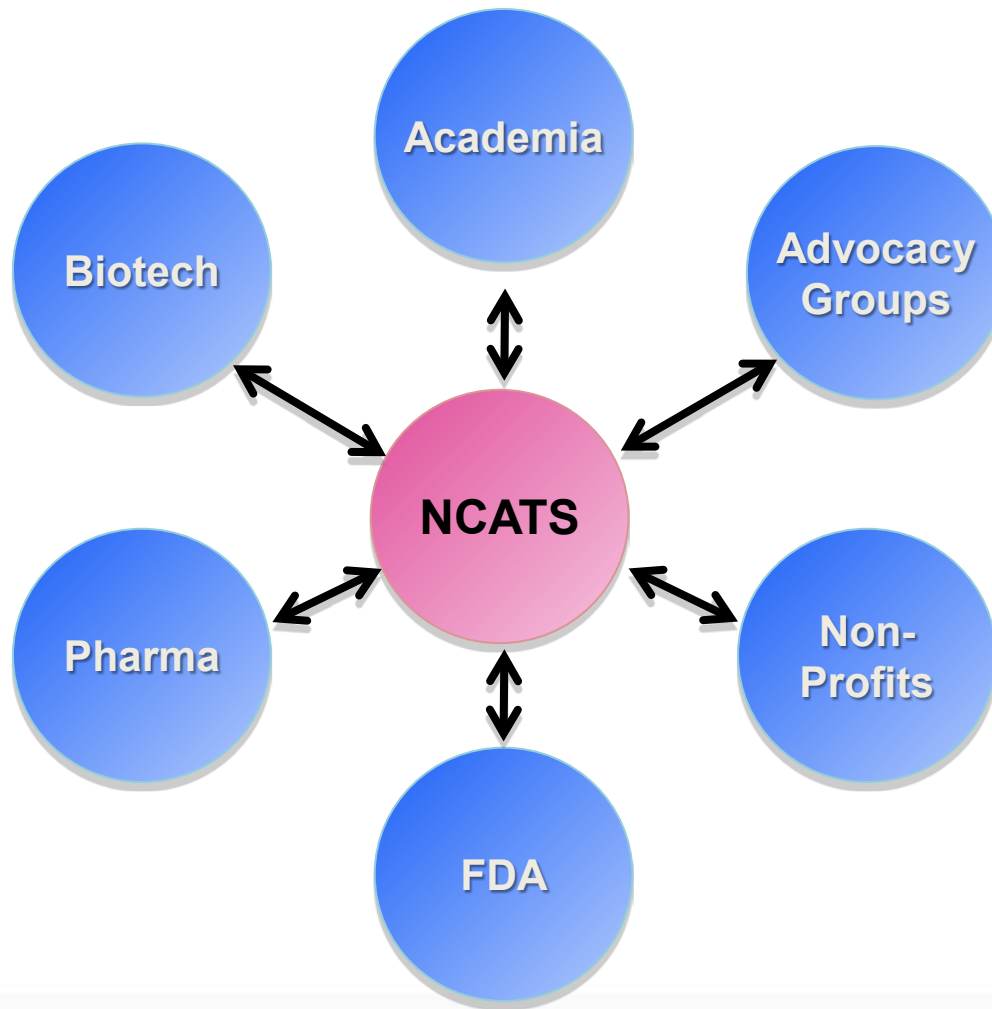


*To catalyze the generation of innovative methods and technologies that will enhance the development, testing and implementation of **interventions that tangibly improve human health** across a wide range of human diseases and conditions.*

# Catalyzing Collaborations Within NIH



# Catalyzing Collaborations Outside NIH



# Catalyzing Collaboration Across the Translational Spectrum



# Clinical Innovation Vision

- Drive development, demonstration, and adoption of policies, methods, and technologies that logarithmically improve clinical and translational research
- Emphasis on clinical investigation/phenotyping in translation
- Innovation in training programs for the research team members required for end-to-end translation
- Development of robust academic discipline of translational research with distinct characteristics
- New models for engagement, collaboration, and partnership of communities across clinical translation spectrum

# Clinical and Translational Science Awards

## *Led by NCATS Division of Clinical Innovation*

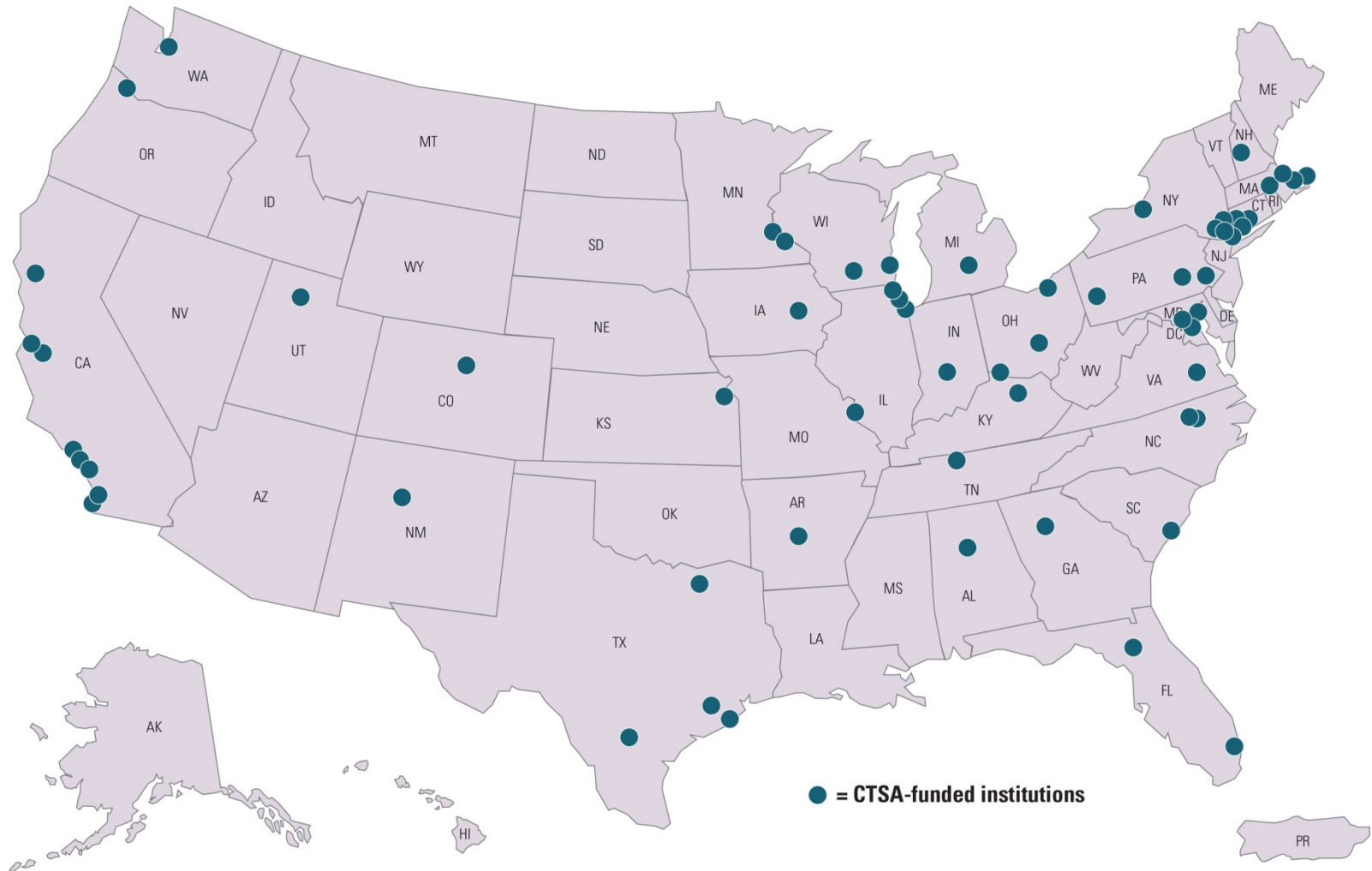
### CTSAs:

- Support a national consortium of medical research institutions
- Work together to improve the way clinical and translational research is conducted nationwide
- Accelerate the research translation process
- Provide innovative training for clinical and translation researchers



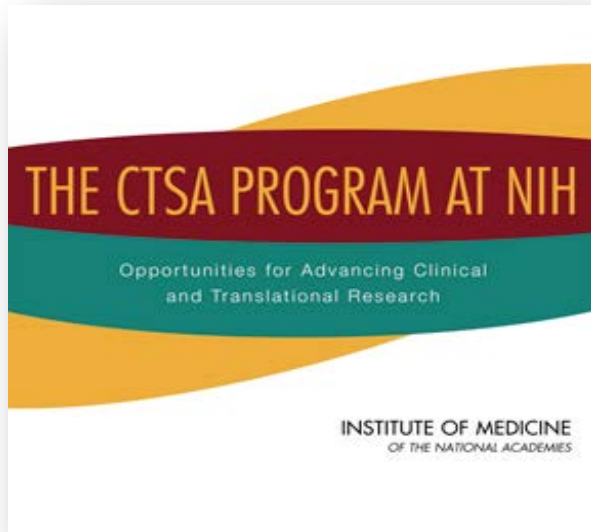


# Clinical and Translational Science Awards (CTSA) Program Sites



# IOM Report on the CTSA Program

## Recommendations



- IOM CTSA Report released June 2013
- Report includes 7 recommendations
  1. Strengthen leadership of the CTSA program by NCATS
  2. Reconfigure and streamline CTSA consortium
  3. Build on the strengths of the individual CTSA's across the spectrum of research
  4. Formalize and standardize clear, consistent, and novel metrics
  5. Advance innovative education and training models with a focus on team science, leadership, and entrepreneurship
  6. Ensure community engagement in all phases of research
  7. Strengthen translational research relevant to child health

### NCATS Director Statement: Institute of Medicine Report on the CTSA Program at NIH

June 25, 2013

In 2006, recognizing the need for a “[new vision](#)” for translational and clinical science, the National Institutes of Health (NIH) established the [Clinical and Translational Science Awards \(CTSA\)](#) program. The institutions supported by the CTSA program have been transformative to the science and culture of those academic centers across the country, providing expertise, capacities, training and collaborations to advance clinical translational science as a discipline across the translational spectrum.

# NCATS Advisory Council WG on the IOM CTSA Report

- Established December 2013
- Report expected to be presented to Council in May

## Co-Chairs

- **Ronald J. Bartek**  
FARA/Friedreich's Ataxia Research Alliance
- **Mary L. (Nora) Disis, M.D.**  
University of Washington School of Medicine
- **Scott J. Weir, Pharm.D., Ph.D.**  
University of Kansas Cancer Center

## Members

- **Ann Bonham, Ph.D.**  
Association of American Medical Colleges
- **Matthew Davis, M.D., M.P.P.**  
University of Michigan
- **David L. DeMets, Ph.D.**  
University of Wisconsin
- **Gary H. Gibbons, M.D.**  
National Institutes of Health

- **Robert A. Harrington, M.D.**  
Stanford University
- **Philip L. Lee, J.D., M.P.M.**  
Results Leadership Group
- **Lynn Marks, M.D.**  
GlaxoSmithKline  
TransCelerate Biopharma
- **Sharon Milgram, Ph.D.**  
National Institutes of Health
- **Louis J. Muglia, M.D., Ph.D.**  
Cincinnati Children's Hospital
- **Fernando Pineda-Reyes**  
CREA Results
- **Robert I. Tepper, M.D.**  
Third Rock Ventures, LLC

*Stay tuned...*

# Streamlining the CTSA Consortium

- In December 2013, prior Steering Committee & Executive Committee were disbanded, and the new NCATS Steering Committee was established

- **Chair: Elaine Collier**  
NIH/NCATS
- **Vice-Chair: Mary L. (Nora) Disis**  
University of Washington School of Medicine

## Members

- **Chris Austin**  
NIH/NCATS
- **Richard Barohn**  
University of Kansas Medical Center
- **Bruce Blazer**  
University of Minnesota
- **John Clore**  
Virginia Commonwealth University
- **Karl Kieburz**  
University of Rochester
- **Walter Koroshetz**  
NIH/NINDS

- **Katherine Luzuriaga**  
University of Massachusetts Medical School,  
Worcester
- **Pamela McInnes**  
NIH/NCATS
- **Lee Nadler**  
Harvard University
- **Steven Reis**  
University of Pittsburgh
- **Harry Selker**  
Tufts University
- **Thomas Shanley**  
University of Michigan at Ann Arbor
- **Robert Toto**  
University of Texas Southwestern Medical Center at  
Dallas

# Learn More About NCATS



**Website:** [www.ncats.nih.gov](http://www.ncats.nih.gov)



**Facebook:** [facebook.com/ncats.nih.gov](https://facebook.com/ncats.nih.gov)



**Twitter:** [twitter.com/ncats\\_nih\\_gov](https://twitter.com/ncats_nih_gov)



**YouTube:** [youtube.com/user/ncatsmedia](https://youtube.com/user/ncatsmedia)



**E-Newsletter:** [ncats.nih.gov/news-and-events/e-news/e-news.html](http://ncats.nih.gov/news-and-events/e-news/e-news.html)

**Email us!** [info@ncats.nih.gov](mailto:info@ncats.nih.gov)

