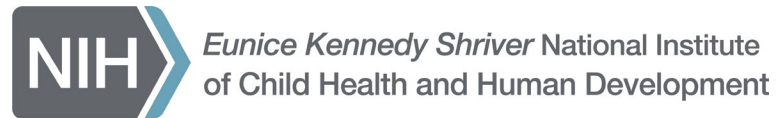


NCMRR Director's Report

Theresa Cruz, Ph.D.

Acting Director

National Center for Medical Rehabilitation Research



Agenda

- Staff Updates
- Trans NIH Initiatives
- NCMRR Initiatives
- Meetings and Workshops
- Outreach and Resources





Staff Updates

New Transitions and Additions

- Alison Cernich, PhD, ABPP-Cn
 - NICHD Deputy Director
- Theresa Cruz, PhD
 - Acting NCMRR Director
- Clay Mash, PhD
 - Program Analyst
 - NICHD intramural Section on Child and Family Research





Trans NIH Initiatives

HEAL: Helping to End Addiction Long-term

- Improve Treatments for Opioid Misuse and Addiction
- Enhance Pain Management
- <https://www.nih.gov/research-training/medical-research-initiatives/heal-initiative/>



BRAIN Initiative



BRAIN Director Designee John Ngai, PhD
Funding Opportunities

- <https://www.braininitiative.nih.gov/funding/funding-opportunities>

Multi-Council Working Group January 31, 2020



All of Us

- Approximately 200,000 enrolled since May of 2019 and 140,000 completed core protocol
- Disability specific work
 - Disability community partner added to enhance accessibility of information and enhance recruitment from the population (American Association on Health and Disability)
 - Disability task force for participant provided information survey
- Research Hub Launched and data should be available by 2019 for research access:
<https://www.researchallofus.org/>



Sound Health

- NIH, National Symphony Orchestra, and the National Endowment for the Arts
 - Expand current knowledge and understanding of how listening, performing, or creating music involves intricate circuitry in the brain that could be harnessed for health and wellness applications in daily life.
 - Explore ways to enhance the potential for music as therapy for neurological disorders.





NCMRR Initiatives

Funding Opportunity Announcements

- Research Infrastructure Network (P2C) HD-20-004
 - Partnership with NINDS, NCCIH, NIBIB, NINR, NIDCD
 - Reviewed in November and funding plan is being drafted for January Council
- Pediatric Rehabilitation (R01) HD-20-005
 - Reviewed in October and funding plan is being drafted for January Council
- Early Career Researcher (R03)
 - Re-issued as PAR-20-042 on October 25, 2019
 - Due dates March 2020, 2021, and 2022



Rehabilitation Common Data Elements



Connect With Us

DISORDERS ▾ | CDE SEARCH | CRF SEARCH | FORM BUILDER | LEARN ▾

NINDS Common Data Elements

Harmonizing information. Streamlining research.

- Kick-off: October 2020
- Co-chairs: Noelle Carlozzi and Alan Heinemann
- Standardizing across diagnostics, assessment, outcomes, variables related to care, and devices/technologies
- Looking for interested workgroup members!!!

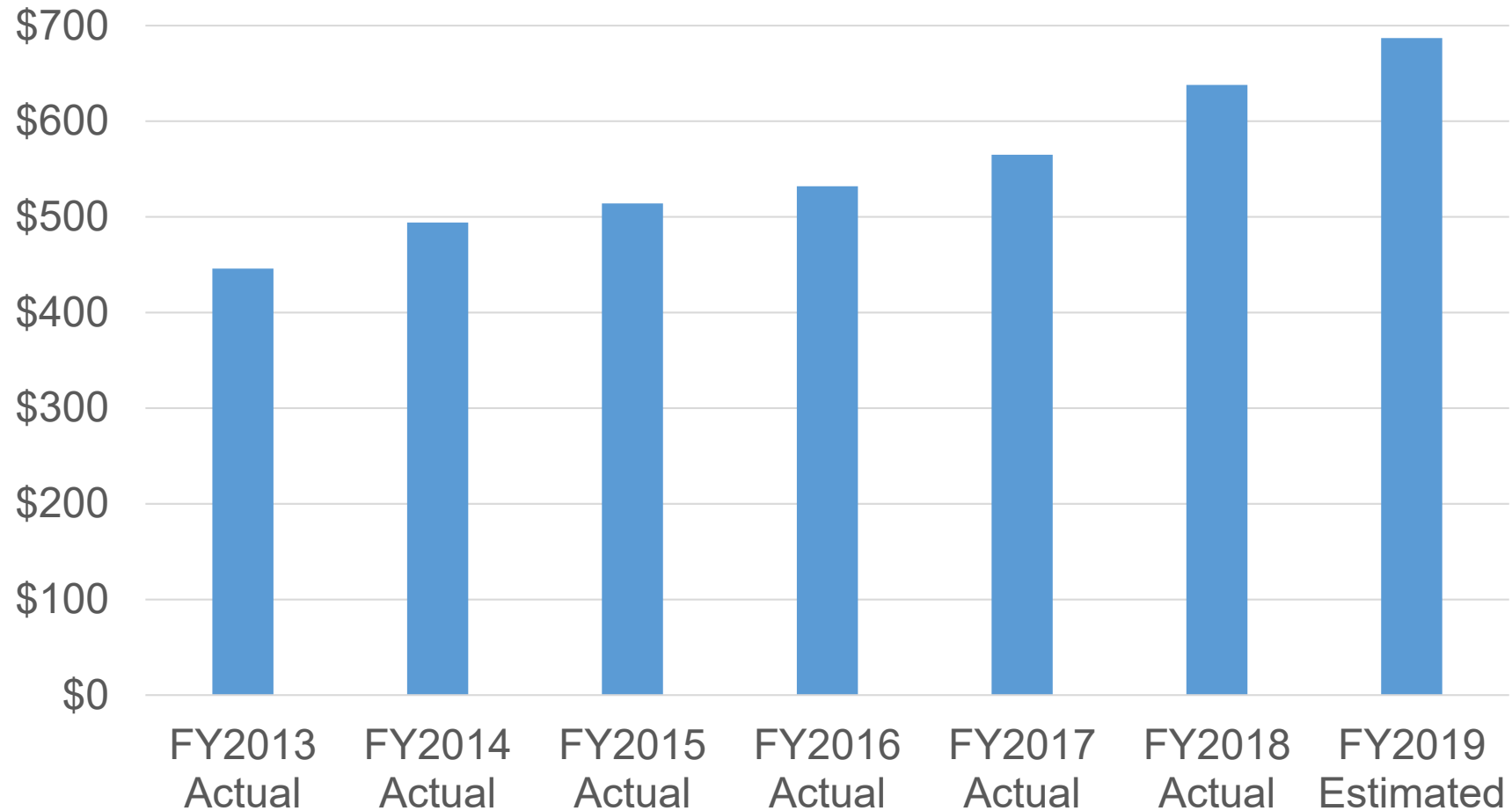


Limb Loss Registry and Common Data Elements

- Limb Loss Registry launched and pilot planned for 2020 with two sites
 - Led by Mayo Clinic in partnership with the American Joint Replacement Registry
- Limb Loss Common Data Elements
 - Federal interagency group working to standardize data elements for limb loss research
 - Request for public input and webinar will be held in Spring 2020 to react to initial set of data elements
 - Plan is to post and disseminate through the National Library of Medicine



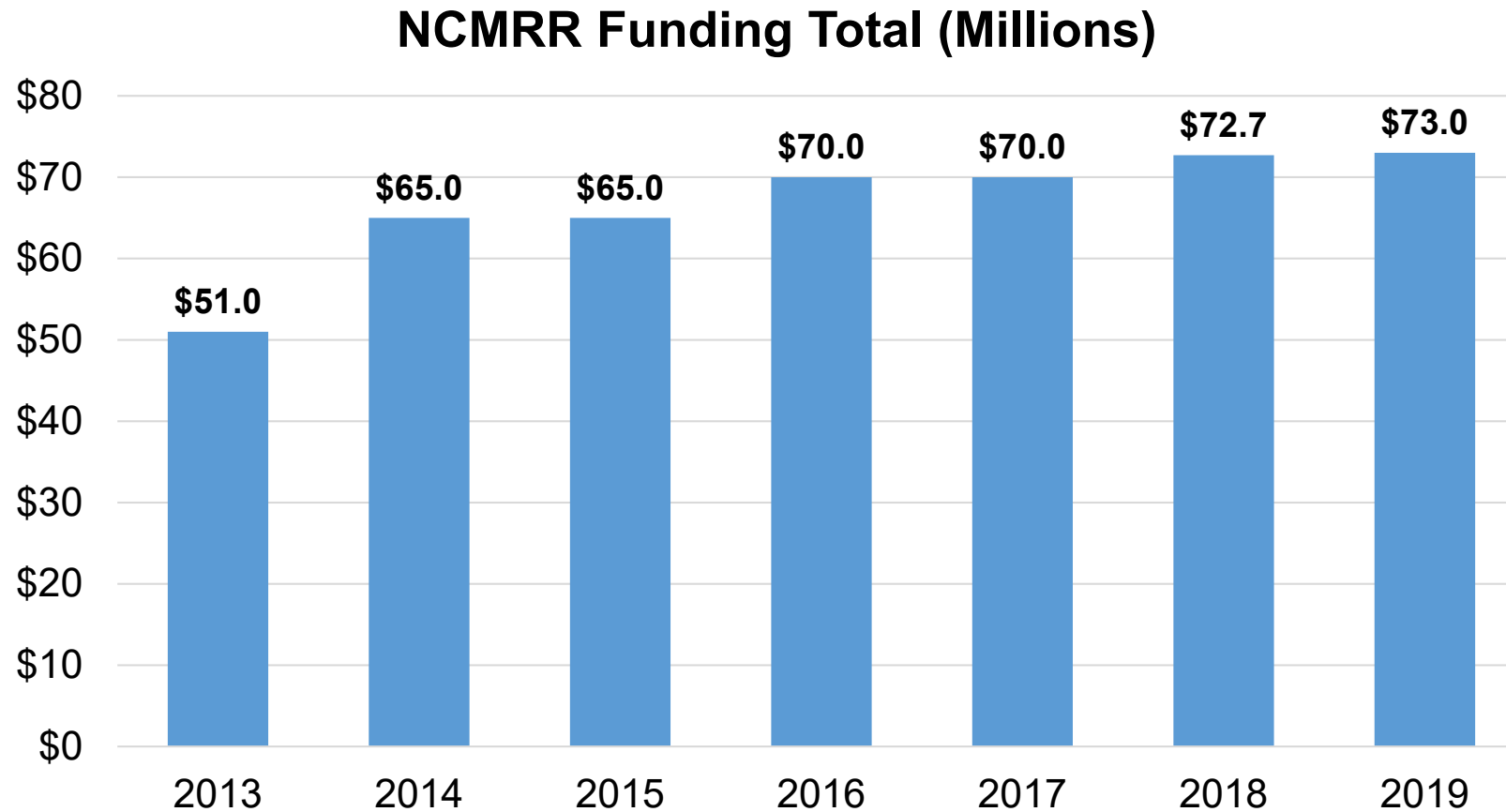
Rehabilitation Funding at NIH



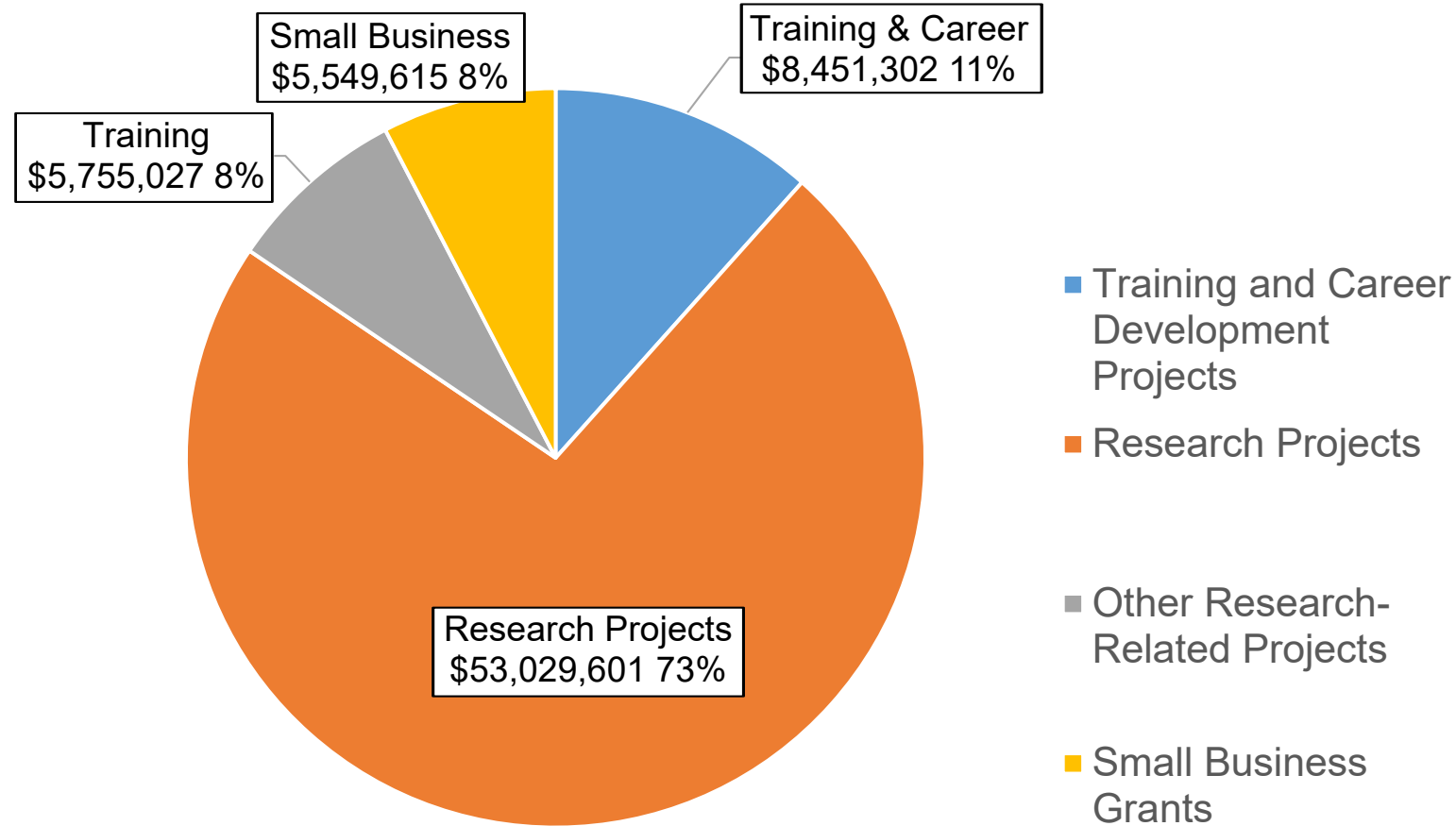
Funding data from https://report.nih.gov/categorical_spending.aspx; estimates are based on RCDC actual data, dollars reported are in millions and rounded.



Funding for NCMRR



NCMRR Funding by Mechanism Category (FY19)





Meetings and Workshops

Global Rehabilitation and Assistive Technology

- World Health Organization: Rehabilitation 2030
 - Priority Package of Rehabilitation Interventions
 - Global Rehabilitation Research Agenda
- Global Assistive Technology Effort
 - Primary partner USAID
 - Research goals published



www.atscale2030.org

**Global Partnership
For Assistive Technology**

Over 900 million people do not have access to the wheelchairs, eyeglasses, hearing aids, prosthetics, and other life-changing Assistive Technology (AT) that they need.

ATscale
GLOBAL PARTNERSHIP FOR ASSISTIVE TECHNOLOGY

Logo of ATscale

Together, our partnership is committed to changing that.



Neurocircuitry of Force-Based Manipulations

September 2019 - Workshop Goals

- Identify research gaps and barriers in the force-based manipulations research field
- Discuss new research directions opportunities for force-based manipulations
- Promote collaborations among mechanosensation neuroscientists, manual therapists, physiologists, mathematicians, and engineers to advance cutting-edge research related to force-based manipulation
- Develop and encourage the use of common language and terminology.
- The workshop is targeted to basic and mechanistic researchers and clinician scientists in fields related to force-based manipulations and mechanosensation.



Pathways to Prevention: NIH Office of Disease Prevention (ODP) – March 30-31, 2020



NIH Pathways to Prevention Workshop:
Can Physical Activity Improve the Health of Wheelchair Users?
March 30-31, 2020

Register today!
prevention.nih.gov/P2P-PAforWheelchairUsers

 National Institutes of Health
Office of Disease Prevention

- NCMRR and NINDS received ODP support for a Pathways to Prevention Initiative
- Goal is to inform the Physical Activity Guidelines and increase the focus on health and wellness in this population
 - AHRQ is the systematic review and workshop partner
 - Federal partners meeting included multiple NIH ICs and VA, DoD, NIDILRR, and CDC

Learn more at prevention.nih.gov/P2P-PAforWheelchairUsers.



Rehabilitation Research Conference

Save the Date

October 15-16, 2020


Natcher Conference Center, NIH






Outreach and Resources

Social Media Outreach



Prosthetic Arm Programmed for Common Sense

Instagram (@nihgov)  Eunice Kennedy Shriver National Institute of Child Health and Human Development



nichd_nih • Follow



nichd_nih Check out @nihgov on Instagram for a demo of a prosthetic arm that offers greater mobility, flexibility and control. The demo is led by NICHD's Dr. Alison Cernich and NCMRR grantee Dr. Rahul Kaliki, who works to advance prosthetic technology as CEO of @Infinite Biomedical Technologies. #NIH #NICHD #NCMRR #Rehabilitation #Technology #Research #WomenInScience #NationalRehabilitationAwarenessWeek

4d



16 likes

4 DAYS AGO

Log in to like or comment.

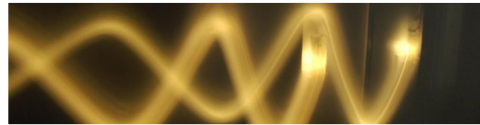


Resources

K12 Programs



Rehabilitation Research Training



Rehabilitation and
Restorative Neuroscience



Rehabilitation Engineering

RRC
CD

Rehabilitation Research Career
Development Program

Rehabilitation Research

R25 Programs

TIGRR

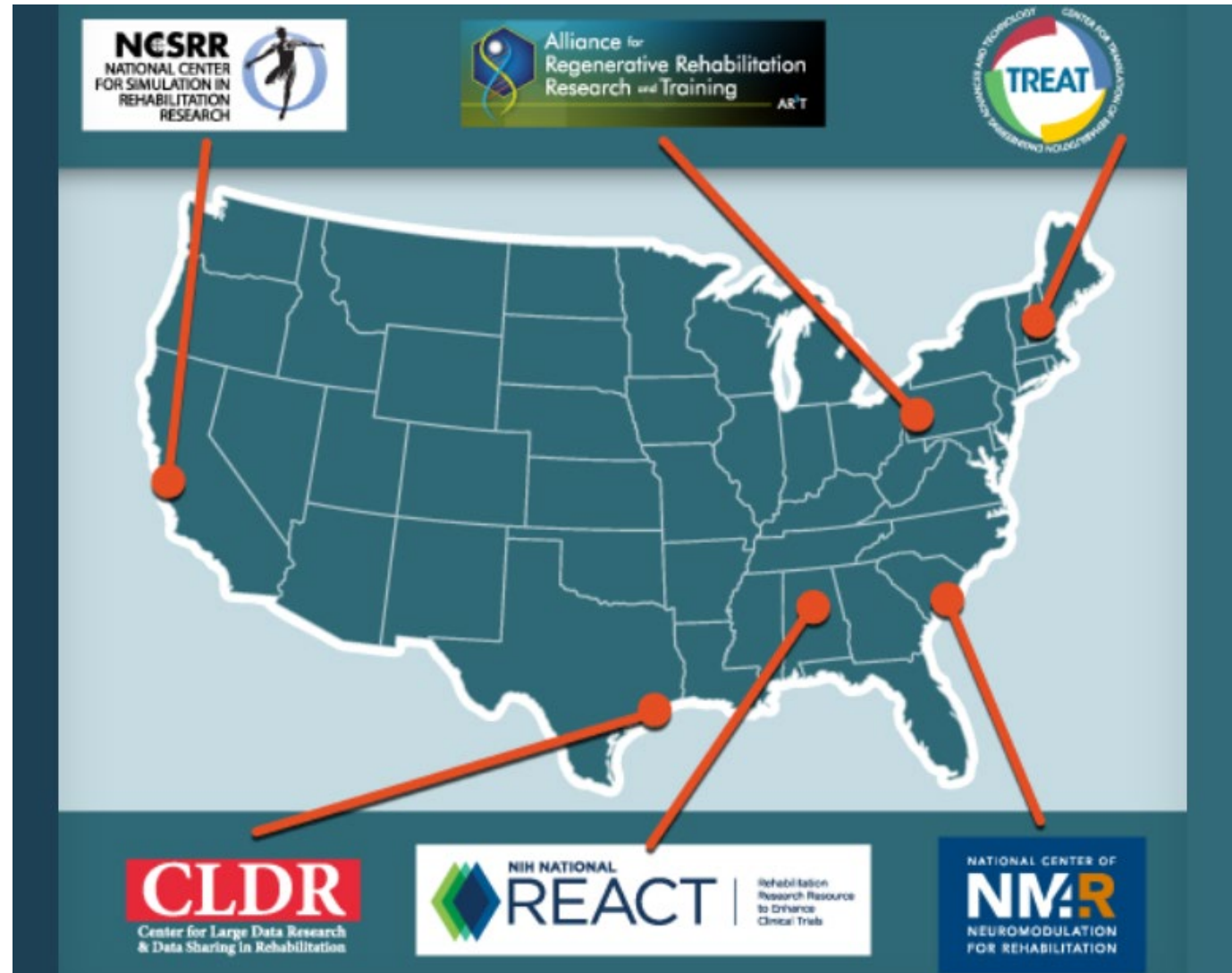


Resources

Join the Rehab-NIH listserv
for funding, policy, and meeting updates:

REHAB-NIH@LIST.NIH.GOV

MR3 Medical
Rehabilitation
Research
Resource
NETWORK



Questions?

