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
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
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/](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

• 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](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 Total (Millions)

<table>
<thead>
<tr>
<th>Year</th>
<th>Funding (Millions)</th>
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<tbody>
<tr>
<td>2013</td>
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<tr>
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<tr>
<td>2019</td>
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NCMRR Funding by Mechanism Category (FY19)

- Research Projects: $53,029,601 (73%)
- Training: $5,755,027 (8%)
- Small Business: $5,549,615 (8%)
- Training & Career: $8,451,302 (11%)

- Training and Career Development Projects
- Research Projects
- Other Research-Related Projects
- Small Business Grants
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
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.
• 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
Save the Date
October 15-16, 2020
Natcher Conference Center, NIH
Outreach and Resources
Social Media Outreach

Prosthetic Arm Programmed for Common Sense

@nighov

Institute of Child Health and Human Development
Resources

K12 Programs

- CORRT
  Rehabilitation Research Training
- Neurorehabilitation and Restorative Neuroscience Training Network
- REK12
  Rehabilitation Research Career Development Program
- RRCD
  Rehabilitation Engineering

R25 Programs

- TIGRR
  Rehabilitation and Restorative Neuroscience
- RMSTP
  Rehabilitation Medicine Scientist Training Program
Join the Rehab-NIH listserv for funding, policy, and meeting updates:

REHAB-NIH@LIST.NIH.GOV
Questions?