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
Trans NIH Initiatives
• 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

- 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

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

- $53,029,601 (73%) Research Projects
- $8,451,302 (11%) Training and Career Development Projects
- $5,549,615 (8%) Other Research-Related Projects
- $5,755,027 (8%) Small Business Grants
- $5,755,027 (8%) Other Research-Related Projects

Total Funding: $84,971,265
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.
Pathways to Prevention: NIH Office of Disease Prevention (ODP) – March 30-31, 2020

- 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.
Save the Date
October 15-16, 2020
Natcher Conference Center, NIH
Prosthetic Arm Programmed for Common Sense

Instagram (@nihgov)
Resources

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

  REHAB-NIH@LIST.NIH.GOV
Questions?