Visit us at: ncmrr.org
The CLDR includes a consortium devoted to building rehabilitation research capacity by increasing the quantity and quality of outcomes research using large data.

The CLDR also supports data sharing and archiving of completed rehabilitation research studies.

Activities supported by the CLDR

<table>
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<tr>
<th>Education &amp; Training</th>
<th>Data Directory</th>
<th>Pilot Projects</th>
<th>Visiting Scholars</th>
<th>Data Archiving</th>
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<tbody>
<tr>
<td>Workshops, on-line seminars and training modules to develop skills in large data research</td>
<td>Listing of available datasets including purpose, variables, access and contact information</td>
<td>Collaborative projects with CLDR mentors / investigators using large data relate to rehabilitation &amp; recovery</td>
<td>Collaborate with CLDR mentors using large rehabilitation datasets. Support for up to six months</td>
<td>Support for linking / merging and archiving data from completed rehabilitation studies to promote secondary data analyses</td>
</tr>
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Visit us at: http://rehabsciences.utmb.edu/cldr
National Center for Simulation In Rehabilitation Research

The center’s mission is to equip the rehabilitation research community with state-of-the-art simulation tools, enabling investigators to complement experimental studies of human movement with advanced simulation software and biomechanical models.

PROGRAMS
- OpenSim Software Development
- Support and Training
- Workshops
- Webinars
- Visiting Scholars Program
- Pilot Projects

RESEARCH APPLICATIONS
- Osteoarthritis
- Cerebral Palsy
- Stroke
- Prosthetics
- Assistive Robotics
- Spinal Cord Injury
- Other Movement Disorders

Find out more at http://opensim.stanford.edu
The REACT Center’s mission is to promote, support, and enhance medical rehabilitation clinical research to optimize patient care and quality of life.

REACT Resources:
- Education & training for clinical trials
- Clinical databases
- Consultative & collaborative services
  - Clinical trials design assistance
  - Access to core laboratories & clinical resources
- Pilot studies program
- Visiting scholar opportunities
- Mobile Technology Laboratory
  - Wearables, biosensors, mHealth apps

Contact us: REACTCenter@uab.edu 205.996.TKTK

Funded by National Institutes of Health grant P2CHD086851 (NICHD/NCMRR, NINDS, and NIBIB)
Medical Rehabilitation Research Infrastructure Network (MRRIN)
National Center of Neuromodulation for Rehabilitation (NC NM4R)

Develop and support rehabilitation researchers who apply brain stimulation and operant conditioning technologies to both mechanistic and intervention studies to further develop the technology and theory for the field of rehabilitation.

Opportunities

Education: Beginner and advanced workshops, webinars, and conferences.

Consultations: Access MUSC experts in neuromodulation, rehabilitation, experimental design and associated outcome measures (such as neuroimaging, neuromechanics and EEG).

Opportunities

Personalized hands-on training: Spend a week or more collaborating with MUSC scientists to refine a research technique or protocol.

Research Support: Pilot project grant support for innovative applications of neuromodulatory methods and technologies to rehabilitation research.

Visit us at: http://musc.edu/ncnm4r

Supported by the National Institutes of Health- NICHD/NCMRR, NINDS and NIBIB: #P2C-HD086844
Regenerative Rehabilitation integrates the fields of regenerative medicine and rehabilitation with the goal of increasing the efficacy of cellular/tissue engineering interventions designed to optimize independence and participation of individuals with disabilities.

**Education**

- WebAR³T webinar series
- Massive Open Online Course (MOOC)
- Annual Symposium
- One-week advanced training course

**Research**

- Pilot funding program
- Sabbatical experiences
- Technology Development

Supported by the Eunice Kennedy Shriver National Institute Of Child Health & Human Development (NICHD) and the National Institute Of Biomedical Imaging And Bioengineering (NIBIB) of the National Institutes of Health under award number P2CHD086843
Fostering Advances in Rehabilitation & Assistive Technology
TREAT is part of the NIH Medical Rehabilitation Research Resource (MR3) Network with funding provided by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD).
TREAT Services

TREAT is a collaborative consortium that provides education, expert consultation, and direct assistance to accelerate commercialization of rehabilitation and assistive technologies.
TREAT Services

Commercialization Services

Pilot Project Grants

Education

Fellowships & Sabbaticals
Kiwi Foot – Augmented Mobility

“Meeting TREAT was a lifesaver.

Medical device industry requires rigorous standards and safety testing from reputable independent laboratories. The testing data from the Thayer School of Engineering exceeded those requirements and opened many doors.

I am now in formal talks with one of the largest players in the healthcare field”

- Marshall Basham
Auckland Mobility Devices
There was never a shortage of resources, challenges, support, nor advice during my working with TREAT.

TREAT certainly provides a comprehensive experience for innovators of all backgrounds, be it an entrepreneur, an engineer, or just a student with an idea.”

- Seong-Hee Yoon
brailleBOT
ATLIS – ALS Treatment & Care

“TREAT provided the resources to bring my prototype to the next level… By the end of the grant cycle, we had a beautiful working new prototype and a product development plan.”

- Patricia Andres, MS, DPT
  Mass General Hospital
Dynawheel – Stroke Rehabilitation

“Working with TREAT is a unique opportunity to develop one’s ideas in a rich intellectual and technological environment, with complete confidentiality and support.”

- William Craelius, PhD
Rutgers University
2016 Target Challenge

Purpose: Translation of technology for pediatric rehabilitation

Dates:
• Abstract deadline: July 8, 2016
• Award Notification: September 2016

Opportunity:
• Up to $150,000 funding ($75K max / award)
• Up to 200 hrs of services per award
• 3-12 month project length

nepdc.org/challenge

TREAT partners with leading organizations to address the rehabilitation needs of children
Connect with TREAT

TREATcenter.org

Center For Translation of Rehabilitation Engineering Advances and Technology