2018 International Symposium on Rehabilitation Research

Health and Function: Imperatives for Promoting Positive Community Living Outcomes for People with Disabilities

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Presentation Overview

- NIDILRR Mission and vision
- Organizational Snapshot
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- NIDILRR Research Enterprise
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Mission and Vision

NIDILRR
Generate new knowledge and promote its effective use to:

- Improve the ability of people with disabilities to participate in community activities of their choice; and
- Expand society’s capacity to provide full opportunities and accommodations for people with disabilities.

ACL
Maximize the independence, well-being, and health of older adults, people with disabilities across the lifespan, and their families and caregivers.
NIDILRR Organizational Snapshot

**History**

- Originally called the National Institute of Handicapped Research when it was created by the 1978 amendments to the Rehabilitation Act.
- In 1986, our name was changed to the National Institute on Disability and Rehabilitation Research (NIDRR).
- The Rehabilitation Act was most recently reauthorized in 2014 as part of the Workforce Innovation and Opportunity Act (WIOA).
NIDILRR Organizational Snapshot Placement in ACL

- WIOA moved NIDILRR from the Department of Education, to the Administration for Community Living (ACL) within the Department of Health and Human Services.

- Administrative Placement at the Department of Health and Human Services (HHS), Administration for Community Living (ACL)
  - Programmatic synergy among aging and disability communities
  - Opportunity for targeted ACL collaboration and research translation
  - Partnership opportunities with the National Institutes of Health and other HHS entities
NIDILRR Organizational Snapshot
By the Numbers

- NIDILRR’s FY 2018 funding was $104,970,000 is still the largest allocation in the Federal Government for research on rehabilitation and disability.
- In any given year, NIDILRR is managing about 245 active grants across a variety of programs.
- NIDILRR grantees are highly productive:
  - 703 publications
  - 73 tools
  - 45 Technology products
  - 182 Information products
Accomplishing Rigorous Scientific Research

- Discretionary Grant-funding Agency
- Sponsor of Extramural Research
- External, expert review panels
- National-level content experts engaging and monitoring funded research programs
- Annual performance reporting by grantees
Outcome Domains

- Community Living & Participation
- Employment
- Health & Function
Health Promotion Activities in NIDILRR’s Portfolio

- Self-management
- Wellness promotion
- Secondary conditions
- Physical Barriers
- Attitudinal barriers
- Policy
**Noteworthy Accomplishments in Health Promotion**

| Motivating Self-Management Through Multi-Media Health Promotion |
| University of Montana |
| **E-mail Contact:** craig.ravesloot@mso.umt.edu. |
| **Web page and social media links associated with the grant:** |
| http://www.healthycommunityliving.com |
| http://www.facebook.com/HealthyCommunityLiving |
| https://www.youtube.com/channel/UCVu6D_eCN5aRQ6tYueCyecg |
| **Principal Investigator:** Craig Ravesloot, PhD |

| Living Well With a Disability: A Self-Management Program |
| ✓ Improved outlook and positive changes in daily activities, such as new employment, returning to school, or more active social lives. |
| ✓ Increased understanding of systems advocacy because the session on systems advocacy is often the first exposure that many people with disabilities have to disability rights advocacy. |
| ✓ Decreased functional limitation due to secondary health conditions and reduced health care costs. |
Noteworthy Accomplishments in Health Promotion
Obesity and Physical Activity

Obesity Research Project on Prevalence, Adaptations, and Knowledge Translation in Youth and Young Adults with Disabilities from Diverse Race/Ethnic Backgrounds

University of Alabama at Birmingham
E-mail Contact: kerriv@lakeshore.org.
Web page and social media links associated with the grant: http://new.reduceobesity.org/
https://twitter.com/ObesityDRRP.
Principal Investigator: James H. Rimmer, PhD

Making the GRAID -- Toward Reducing Obesity for People with Disabilities

- GRAID refers to Guidelines, Recommendations, Adaptations Including Disability.
- Framework for adaptation of CDC strategies.
- Evidence-based programs developed for people without disabilities can now be adapted for people with disabilities using the GRAIDs framework.
Noteworthy Accomplishments in Health Promotion
Healthy Aging with Long-Term Disability

Promoting Healthy Aging for Individuals with Long-Term Physical Disabilities

University of Washington
E-mail Contact: agerrtc@uw.edu.
Web page and social media links associated with the grant: http://agerrtc.washington.edu
https://www.facebook.com/agingRRTC
https://twitter.com/AgingRRTC.
Principal Investigator: Ivan Molton, PhD

Characterizing Problems Faced by People with Long-term Disabilities

✓ Focus on aging with a disability.
✓ Individual and environmental barriers and facilitators to accessing general health care and rehabilitation.
✓ Impact of policy on improving health outcomes or disparities in access to care.
✓ Development of University of Washington Resilience Scale.
Noteworthy Accomplishments in Health Promotion Spinal Cord Injury

Northwest Regional Spinal Cord Injury System

University of Washington
E-mail Contact: scirehab@u.washington.edu.
Web page and social media links associated with the grant:
http://sci.washington.edu
https://www.facebook.com/nwrscis
https://twitter.com/nwrscis

Principal Investigators: Charles H. Bombardier, PhD; Stephen P. Burns, MD; Jeanne M. Hoffman, PhD

Videos Promote Health and Maximize Participation for People with Spinal Cord Injury

- Addressing the need for evidence-based information for health care providers.
- Production of a series of online videos from SCI Forum presentations.
- Expanding the availability of important information for key stakeholders.
- Model Systems Knowledge Translation Center is active in promoting the videos.
Gait Analysis and Health Passport for Young Adults transitioning into Adulthood.

- Longitudinal assessment of cohort of 72 (children, adolescent and young adults with cerebral palsy).
- Evaluated physical, metabolic, mood, cognition and quality of life status.
- Researchers noted similar issues with participants having difficulty with communicating health-related problems to primary care physicians.
- Passport developed to address communication issues.

Walking and its Effect on Health and Function in Individuals with Cerebral Palsy as they Transition to Adulthood: A Health Outcomes Study

University of Colorado, Denver

E-mail Contact: james.carollo@childrenscolorado.org.

Web page and social media links associated with the grant:
http://www.ucdenver.edu/Cerebral-Palsy-Adult-Transition-study.aspx

Principal Investigator: James Carollo, PhD, PE
RRTCs on Psychiatric Disability and Co-Occurring Medical Conditions and Self-Directed Recovery and Integrated Health Care

University of Illinois at Chicago.

E-mail Contact: jonikas@uic.edu.

Web page and social media links associated with the grant:
http://www.center4healthandsdc.org/
http://www.cmhsrp.uic.edu/health
https://www.facebook.com/UICHealthRRTC
https://twitter.com/UICHealthRRTC.

Principal Investigator: Judith A. Cook, PhD

Wellness Recovery Action Planning (WRAP) program, a peer-delivered self-management intervention for people with mental illness.

✓ Co-funded activity with Substance Abuse and Mental Health Services Administration (SAMHSA).
✓ Peer-delivered self-management intervention.
✓ Improved quality of life and self-reported recovery for participants
Noteworthy Accomplishments in Health Promotion

Rehabilitation Engineering Research Center (RERC): From Cloud to Smartphone – Accessible and Empowering ICT

University of Pittsburgh.
E-mail: parmanto@pitt.edu.
Web page and social media links associated with the grant:
http://www.rercict.pitt.edu
http://www.imhere.pitt.edu/.
Principal Investigator: Bambang Parmanto, PhD

Preventing Secondary Conditions Among Individuals with Chronic Conditions - iMobile Health and Rehabilitation (iMHERE)

✓ iMHERE mobile health system designed to:
  ✓ support complex self-care tasks
  ✓ Promote and monitor adherence
  ✓ Facilitate secure two-way communication

✓ Mobile health system included:
  ✓ smart phone application
  ✓ clinician portal
  ✓ communication protocols linking the app and portal
Major Federal Funding Agencies and Collaborators
Disability and Rehabilitation Research
Key Resources

- NIDILRR’s Web Link: http://www.acl.gov/programs/NIDILRR/

- National Rehabilitation Information Center (NARIC):
  - RehabData Web Link: https://www.naric.com/?q=en/SearchRehabdata

- AbleData – Tools and Technologies Information Repository Web Link: https://abledata.acl.gov/

- Interagency Committee on Disability Research Web Link: https://icdr.acl.gov/
Thank you for your time and attention.