

***NCDDR Model:  
Developing Evidence-Based Resources  
within the Disability Research Community***

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<http://www.ncddr.org/>

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- **Knowledge Translation in the Department of Education context (John Westbrook)**
- **NCDDR's Model for the Disability Research Community (Joann Starks)**

# **National Institute on Disability and Rehabilitation Research (NIDRR)**

**and the**

**U.S. Department of Education**

# OSERS

## *Office of Special Education and Rehabilitative Services*

Assistant Secretary

Deputy Assistant Secretary

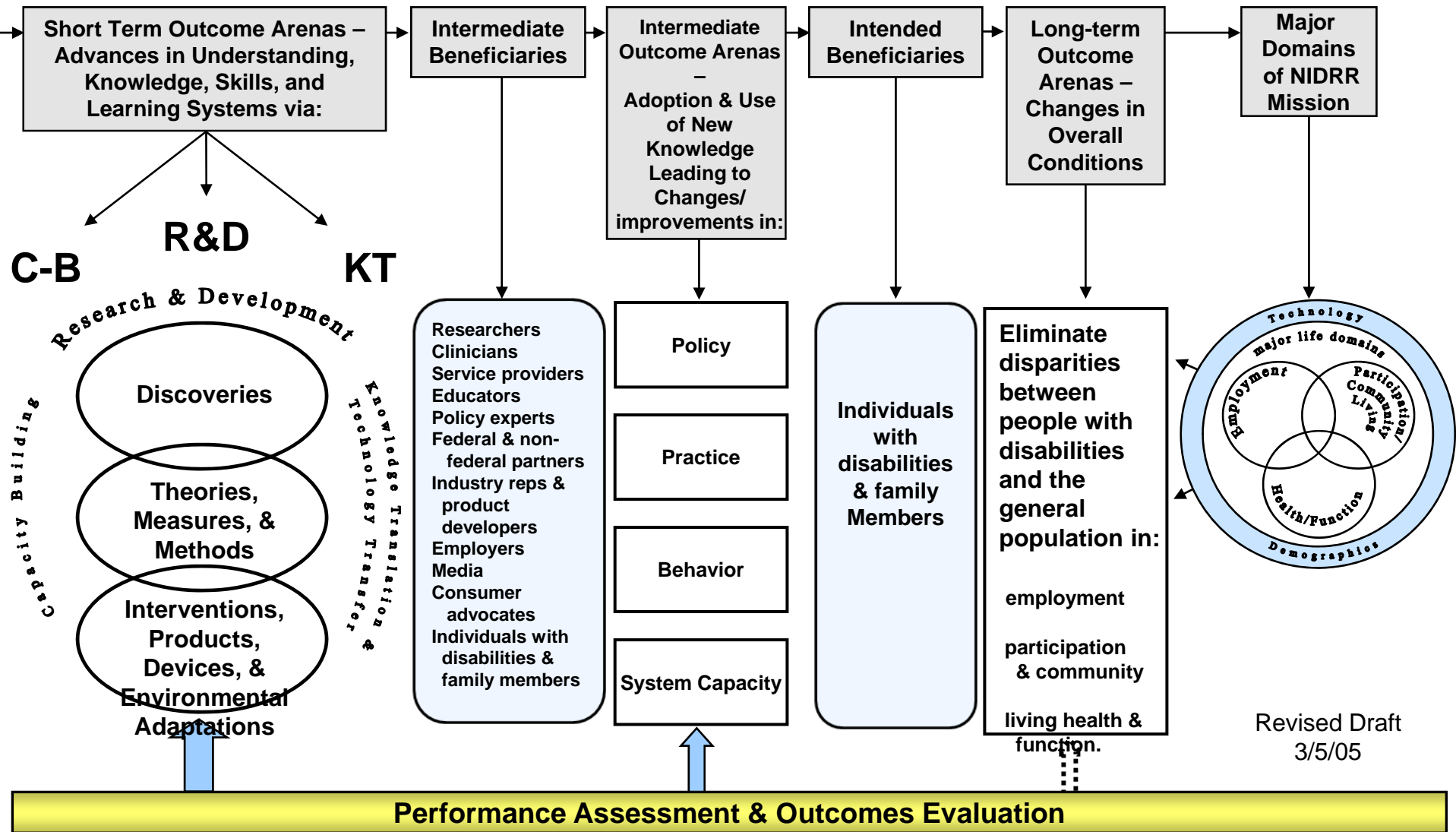
- OAS - Office of the Assistant Secretary
- **NIDRR - National Institute on Disability and Rehabilitation Research**
- OSEP - Office of Special Education Programs
- RSA - Rehabilitation Services Administration

## NIDRR

- The mission of NIDRR is to generate new knowledge and promote its effective use to improve the abilities of people with disabilities to perform activities of their choice in the community, and also to expand society's capacity to provide full opportunities and accommodations for its citizens with disabilities.

# NIDRR Logic Model: Targeted Outcome Arenas

**Situation: Significant gaps exist in knowledge, skills, policy, and practice and system capacity that prevent people with disabilities from having equal access to opportunities for employment, health and function, and participation.**



Revised Draft  
3/5/05

**Contextual Factors: Variable funding; scientific and technological advancements; societal attitudes; economic conditions; changing public policies; coordination and cooperation with other government entities**

## NIDRR's Grantees

- A network of around 350 projects throughout the U.S., both individual research projects and centers of excellence established at universities or providers of rehabilitation and related services.
- Research is focused in the areas of:
  - Employment
  - Participation and community living
  - Health and Function

*Federal Register* May 5, 2005 (Volume 70, Number 86)

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We encourage potential applicants, when identifying standards and procedures for systematic review of evidence, to examine the work of such organizations as:

- The Campbell Collaboration  
**[www.campbellcollaboration.org](http://www.campbellcollaboration.org)**
- The Cochrane Collaboration  
**[www.cochrane.org](http://www.cochrane.org)**
- The Department of Education's What Works Clearinghouse  
**[ies.ed.gov/ncee/wwc](http://ies.ed.gov/ncee/wwc)**

## Goal 3: Advance Knowledge Translation

Promote the effective use of science-based knowledge, technologies, and applications to inform disability and rehabilitation policy, improve practice, and enhance the lives of individuals with disabilities.

- **Objective 3a:** Promote external review of the quality of NIDRR-funded research and related activities through participation in independent scientific collaborations and registries (e.g., Campbell, Cochrane).

*NIDRR's Long-Range Plan 2005-09*

**Knowledge Translation (KT)** refers to the multi-dimensional, active process of ensuring that knowledge gained through the course of research ultimately improves the lives of people with disabilities, and furthers their participation in society.

*NIDRR's Long-Range Plan 2005-09*

**Knowledge Translation** is the collaborative and systematic review, assessment, identification, aggregation, and practical application of high-quality disability and rehabilitation research by key stakeholders (eg., consumers, researchers, practitioners, and policymakers) for the purpose of improving the lives of individuals with disabilities.

*NCDDR, 2006*

## NCDDR Model

### Focus on services that facilitate

- Building capacity of NIDRR researchers to negotiate the knowledge translation (KT) process
- Increasing inclusion of NIDRR-sponsored research in systematic reviews
- Improving consumers' access to and use of disability and rehabilitation research

# NCDDR Model

## Developing a KT Infrastructure

- Measure NIDRR researchers' awareness of knowledge translation
- Develop information resources
- Develop networks and affiliations
- Provide information sharing and training

# NIDRR Grantees and KT

## Surveys of NIDRR Grantees

- 2005 survey on KT
- 2005 needs sensing survey
- 2006 survey on research methods
- 2007 survey on research utilization

# NCDDR Online Information Resources

- Free access to [The Cochrane Library](#) for grantees
- [Library of Knowledge Translation Resources](#)
- [Registry of Systematic Reviews](#)
- [Directory of Journals and Author Guidelines](#)
- [Webcasts](#)
- [\*FOCUS Technical Briefs\*](#)
- [Technical Assistance](#); including [Peer Consultant Service](#)

# NCDDR Networking and Associates

- Campbell Collaboration
- Cochrane Collaboration
- Canadian Institutes of Health Research, KT Branch
- NIDRR KT Planning Committee
- NIDRR Grantee Task Forces
  - Standards of Evidence and Methods
  - Systematic Reviews and Guidelines
  - KT and Knowledge Value Mapping
- Communities of Practice
  - Outreach to Diverse Audiences
  - Research Quality

## Workshops for NIDRR Grantees

- Conducting Systematic Reviews of Randomized and Non-randomized Studies to Inform Evidence-Based Practice and Policy (*April 2007, December 2007*)
- Knowledge Value Mapping Approaches to Knowledge Translation (*November 2006, April 2008*)
- KT Measurement: What Constitutes Quality? (*December 2007*)

# Web-based Training on Systematic Reviews

- ***Developing Evidence-Based Products Using the Systematic Review Process***
- September 2007 - February 2008
- Seven 2-hr. and two 1-hr. online sessions
- 27 participants in teams from 9 NIDRR-funded projects around the U.S.
- Used Live Meeting software to deliver the course content
- Instructors are C2 members

## Outputs/Short Term Outcomes

- Task Forces
  - Systematic Review and Guidelines (2 articles submitted to *Archives of Physical Medicine and Rehabilitation*)
  - Knowledge Translation and Knowledge Value Mapping (article submitted to the *Journal of Disability Policy*)
- KT Planning Committee
  - Considering a “State of the Science in KT” conference

# Outputs/Short Term Outcomes

- Communities of Practice
  - Webcasts
  - Online support for NIDRR's annual reporting process
- Web-based Training
  - Six teams are actively developing systematic reviews
  - One team is actively developing a scoping review
  - Waiting list for next offering of course

## Anticipated Outputs/Outcomes

- Campbell Disability Coordinating Group
- Collaboration with Cochrane entities
  - US Cochrane Center
  - Rehabilitation and Related Therapies Field
- Increased NIDRR contributions to and use of systematic reviews

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