Information Retrieval for International Disability and Rehabilitation Research

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Information Retrieval for International Disability and Rehabilitation Research

John Stone, PhD
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To facilitate the sharing of information and expertise between rehabilitation researchers in the U.S. and those in other countries.
Actions to fulfill mission

- Exchange of experts
- International Encyclopedia of Rehabilitation
- ICF and World Report on Disability
- Conferences and symposia
- Cultural competency resources for rehabilitation
- Database of International Rehabilitation Research
“New ideas and discoveries are emerging from all over the world and the balance of science and engineering expertise is shifting among countries. Many research problems require scientists and engineers in different countries to work together. Collaborative activities and international partnerships provide increasingly important means of keeping abreast of new insights and discoveries. Scientific leadership requires access to people, knowledge, and infrastructure wherever they are found.” (National Science Board, 2001)
Accessing international research: difficulties

- Participation in U.S. (versus international) societies and conferences
- Consult primarily journals published in U.S.
- Collaboration primarily with other U.S. researchers
- Language
Consequences

“Exclusion of non-English-language studies (from systematic reviews) appeared to result in a high risk of bias in some areas of research.” Song, et al. (2010).
CIRRIE Database

- Includes all domains of rehabilitation research (health and function, employment, technology, independent living, etc.). One-stop shopping for rehab.
- Uses the NARIC thesaurus with adaptations.
- Currently contains 147,000 citations.
- Most with abstracts in English. Some links to full text
Searchable by

- Country
- Subject
- Author
- Year
- ICF code
CIRRIE and other databases

- Includes many citations found in larger, commercial databases, e.g. Medline, CINAHL.
- Excludes non rehabilitation citations.
- Includes some international journals not indexed in other databases.
- A large proportion of citations in CIRRIE not found in Medline.
- Includes only research conducted in other countries.
- Excludes research conducted in U.S. (REHABDATA).
The Use of CIRRIE’s Database of International Research in Conducting Systematic Reviews. *FOCUS Technical Brief* No. 23, 2009. NCDDR.
Searching the CIRRIE database

Database of International Rehabilitation Research

The CIRRIE Database of International Rehabilitation Research currently contains 140,000 citations of international rehabilitation research published between 1990 and the present.

For more information about searching the CIRRIE database, consult our guide to searching.

Query: diabetic foot
Field: Title

Add another term

Geographic Area: All Geographic Areas (Non-United States)
(Searching by geographic area)
Limit your search by the location where research was conducted
Search results

Returned 232 results
(Displaying 1 to 10)

(Full record)

(Full record)

(Full record)
A multidisciplinary diabetic foot ulcer treatment programme significantly improved the outcome in patients with infected diabetic foot ulcers.


Year: 2011


Abstract: Available at PubMed

Institution: Department of General Surgery, Chi-Mei Medical Center, Chia Nan University of Pharmacy and Science, Tainan, Taipei Medical University, Taiwan.
Advanced searching

Database of International Rehabilitation Research

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Query: diabetes
Field: Title

Geographic Area: United Kingdom
Searching by geographic area
Limit your search by the location where research was conducted
Advanced searching

Database of International Rehabilitation Research

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Query: diabetes
Field: Title

Add another term

Geographic Area: United Kingdom

(Searching by geographic area)
Limit your search by the location where research was conducted
Advanced searching

Database of International Rehabilitation Research

The CIRRIE Database of International Rehabilitation Research currently contains 140,000 citations of international rehabilitation research published between 1990 and the present.

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Query: diabetes
Field: Subject

Add another term

Geographic Area: United Kingdom
Searching by geographic area
Limit your search by the location where research was conducted
Advanced searching

**Database of International Rehabilitation Research**

The CIRRIE Database of International Rehabilitation Research currently contains 140,000 citations of international rehabilitation research published between 1990 and the present.

For more information about searching the CIRRIE database, consult our [guide to searching](#).

- **Query:** diabetes
- **Field:** Subject

- **Boolean:** AND
- **Query:** limbs
- **Field:** Subject

*Add another term*

**Geographic Area:** United Kingdom

*(Searching by geographic area)*

Limit your search by the location where research was conducted
Advanced searching

Returned 20 results
(Displaying 1 to 10)

   (Full record)

   (Full record)

   (Full record)
Using the thesaurus

For more detailed explanation on a subject heading entry, follow the link from its name.

Not sure which term to use? Search the thesaurus.

The CIRRIE Thesaurus is an alphabetical listing of approved terms for searching the CIRRIE Database. Refer to the CIRRIE Rotated Thesaurus for additional help in identifying the proper search terms.

For more detailed instructions to searching by subject headings, please refer to the Guide to Searching.

The CIRRIE Thesaurus is now available with subject headings translated into Spanish and French.
Using the thesaurus

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Using the thesaurus

Thesaurus D

For more detailed explanation on a subject heading entry, follow the link from its name.

Not sure which term to use? Search the thesaurus.

Daily living [SCOPE NOTE: Evaluation of, and training in, the ability to perform essential self help skills: dressing, use of public transportation, and other functional skills]

Related Terms: Clothing, Communication devices, Community living, Devices, Feeding, Grooming, Habilitation, Homemakers, Independent living, Mobility, Self care, Self help, Sensory aids, Social skills

Use for: Activities of daily living (ADL), Housekeeping, Hygiene, Life skills training, Toileting
Using the thesaurus

Dementia

Search for Dementia in the CIRRIE database

Thesaurus entry

Scope note: Irreversible deterioration of mental state; term added June 1989

Broader terms

Use these terms to retrieve more general results in a search:

- Degenerative diseases

Related terms

Use these terms to retrieve similar results in a search:
Using the thesaurus

Profile authors

The following are the authors with the most articles on Dementia in the CIRRIE database in the past five years (2007-2012).

- Livingston G: 18 articles
- Aarsland D: 17 articles
- Clare L: 17 articles
- Engedal K: 17 articles
- Winblad B: 17 articles

Top journals

The following are the journals that have published the most articles about Dementia in the CIRRIE database in the past five years (2007-2012).

- Dementia and Geriatric Cognitive Disorders: 291 articles
- International Journal of Geriatric Psychiatry: 235 articles
- International Psychogeriatrics: 110 articles
- Aging and Mental Health: 92 articles
Using the thesaurus

Dementia

Search for Dementia in the CIRRIE database

Thesaurus entry

Scope note: Irrecoverable deterioration of mental state; term added June 1989

Broader terms

Use these terms to retrieve more general results in a search:

- Degenerative diseases

Related terms

Use these terms to retrieve similar results in a search:
Using the thesaurus

Dementia

Search for Dementia in the CIRRIE database

Thesaurus entry

Scope note: Irrecoverable deterioration of mental state; term added June 1989

Broader terms

Use these terms to retrieve more general results in a search:

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Related terms

Use these terms to retrieve similar results in a search:
Using the thesaurus


Searching the thesaurus

Thesaurus

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Searching the thesaurus

Thesaurus

For more detailed explanation on a subject heading entry, follow the link from its name.

Search for: employment

Search Thesaurus
Searching the thesaurus

For more detailed explanation on a subject heading entry, follow the link from its name.

Not sure which term to use? Search the thesaurus.

Client satisfaction [SCOPE NOTE: Client's determination of fulfillment or attainment of vocational rehabilitation, employment, or personal goals; includes client's evaluation of services, facilities, or devices]

Related Terms: Client counselor relations, Clients, Counseling effectiveness, Evaluation, Goal setting

Competitive employment [SCOPE NOTE: Employment of persons with disabilities in a competitive situation; term added June 1989]
CIRRIE Guide to Searching

The CIRRIE Database collects citations from all areas of rehabilitation and compiles them into one central source. In addition to indexing from mainstream journals and internet sites, CIRRIE also includes citations to resources not readily available to U.S. researchers. Over 5000 journals are represented in the Database and abstracts are available for most citations. A list of journals is now available. There are 140,000 citations currently indexed with citations added monthly. The database includes citations from 1990 to the present.

- General Search Guidelines
- Title/Keyword Search
- Subject Heading Search
  - Thesaurus
  - Rotated Thesaurus
Downloading citations


Downloading citations

   (Full record)

   (Full record)

   (Full record)
Downloading citations

   (Full record)

   (Full record)

   (Full record)
Downloading citations

You currently have 3 articles saved.

Format: Endnote
Submit

- Download CIRRIE Endnote import filter (How to use this filter)
- Permanently delete saved articles

Saved citations


Downloading citations

You currently have 3 articles saved.

Format: Endnote
Submit

- Download CIRRIE Endnote import filter (How to use this filter)
- Permanently delete saved articles

Saved citations


Annotated Bibliographies

Download citations

You currently have 3 articles saved.

Format: Endnote

Submit

- Download CIRRIE Endnote import filter (How to use this filter)
- Permanently delete saved articles

Saved citations

(Full record) (Edit)

Annotated Bibliographies

Top Cited Articles

These bibliographies list the 25 most cited international articles in a subject area; that is, the articles from outside the United States that are most often referenced in other rehabilitation research articles. A description of our methodology is available.

Choose a topic:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Assistive technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>View</td>
<td></td>
</tr>
</tbody>
</table>
Annotated Bibliographies

Assistive technology

Return to bibliography list

Date searched: February 23, 2012


This article reports a prospective, blinded, randomized controlled study with 16 stroke subjects used to evaluate the effectiveness of the Lokomat robotic assistive device for treadmill training. Results indicate significantly more improvement over conventional physical therapy.

Times cited: 65
Searching by ICF code

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Query: 
Field: 
Add another term

Geographic Area: All Geographic Areas (Non-United States)
(Searching by geographic area)
Limit your search by the location where research was conducted

Language: All Languages
(Searching by language)

Start year: 1990
End year: 2012

Search
Searching by ICF code

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Add another term

Geographic Area: All Geographic Areas (Non-United States) (Searching by geographic area)

Limit your search by the location where research was conducted

Language: All Languages (Searching by language)

Start year: 1990
End year: 2012
Search
Searching by ICF code

ICF Crosswalk

The ICF Crosswalk allows you to use two level ICF codes to search the CIRRIIE database by subject headings.

Enter an ICF code below. You will be given a list of corresponding CIRRIIE subject headings which you can then use to search our database. For more information on searching, consult the Crosswalk Guide.

We value your input! If you would like to give us feedback on the Crosswalk, please use our feedback form.

ICF code:  
Search Crosswalk

You can also browse by ICF classification:

- Body Functions
Searching by ICF code

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Searching by ICF code

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ICF code: 

Search Crosswalk

You can also browse by ICF classification:

- Body Functions
Searching by ICF code

Emotional functions: b152

CIRRIE subject headings
For best results, select no more than two terms
- Aggression
- Depression
- Emotions
- Grief
- Psychological aspects
- Psychological evaluation
- Psychosocial factors

Boolean operator: AND

If desired, you can add an additional term to the search. This term will be ANDed in with the terms above
- Condition/Special Population: Alcoholism

Search the database
Searching by ICF code

Retrieved 4 results
(Displaying 1 to 4)


(Full record)


(Full record)


(Full record)
Universal Design database

Return 4 results
(Displaying 1 to 4)

(Full record)

(Full record)

(Full record)
Universal Design database

This subset of the CIRRIE database was a collaborative effort between CIRRIE and the Rehabilitation Engineering Research Center on Universal Design and the Built Environment (RERC-UD). In contrast to our main database's criteria of international journal articles, this database also includes US citations of journal articles, books, government reports and other formats.

You can use the search form below to find specific articles or view a list of all universal design articles.

For more information about searching the CIRRIE database, consult our guide to searching.
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You can use the search form below to find specific articles or view a list of all universal design articles.

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Universal Design database

Universal Design database citation lists

This is a list of all citations in the universal design database, browsable by format or subject heading. Selecting a category above will display all citations of that format or subject.


(Full record)
Finding collaborators

Universal Design database citation lists

This is a list of all citations in the universal design database, browsable by format or subject heading. Selecting a category above will display all citations of that format or subject.

(Full record)
Finding collaborators

Subject Specialists

This search will find authors in the CIRRIE database who have written multiple articles on a subject. It can be helpful in identifying prolific authors on topics, but should not be taken as an endorsement of quality.

Subject heading: Aphasia

Last five years only

Only authors with contact information

Search authors
Subject Specialists: Aphasia

Worrall L has written 20 articles on Aphasia in the CIRRIE database.
Worrall L's articles
Worrall L's author profile

Hickson L has written 12 articles on Aphasia in the CIRRIE database.
Hickson L's articles
Hickson L's author profile

Bastiaanse R has written 12 articles on Aphasia in the CIRRIE database.
Bastiaanse R's articles
Bastiaanse R's author profile

Meinzer M has written 11 articles on Aphasia in the CIRRIE database.
Meinzer M's articles
Meinzer M's author profile

Hilari K has written 10 articles on Aphasia in the CIRRIE database.
Finding collaborators (recent)

Subject Specialists: Aphasia

Worrall L has written 11 articles on Aphasia in the CIRRIE database.
- Worrall L's articles
- Worrall L's author profile

Meinzer M has written 9 articles on Aphasia in the CIRRIE database.
- Meinzer M's articles
- Meinzer M's author profile

Rohrer JD has written 8 articles on Aphasia in the CIRRIE database.
- Rohrer JD's articles
- Rohrer JD's author profile

Sage K has written 7 articles on Aphasia in the CIRRIE database.
- Sage K's articles
- Sage K's author profile

Crutch SJ has written 6 articles on Aphasia in the CIRRIE database.
http://cirrie.buffalo.edu/database/

Link to evaluation
http://survey.sedl.org/efm/wsb.dll/s/1g138

Thank you!

Contact us: ub-cirrie@buffalo.edu