

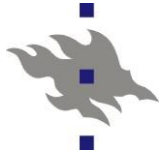


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# Promoting scholarly publishing through libraries

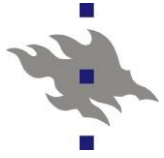
Jukka Englund  
Director, R&D

**National Library of Health Sciences - Terkko**



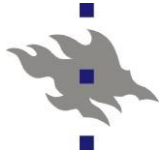
## Table of contents

- Terkko – National Library of Health Sciences
  - Research library of the Medical Faculty of the HU
  - Scientific library for the HU Central Hospital
  - National resource library in health sciences
- Promoting scholarly publishing through libraries: in-house development
  - Virtual Journal of Helsinki Medical Research
  - FeedNavigator
    - Web feeds of Helsinki Medical Publications
  - Scholar Chart
    - Mashup of Finnish medical scholars' publications
  - Terkko Document Space
    - Institutional Repository



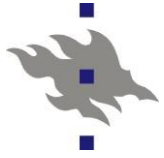
## Scholarly publications

- End product of research
  - Delivery of results
    - Output
- Productivity of group members
  - Budgets rely on quantity and quality of publications
    - Input
- Visibility
  - Network
    - Sharing
  - Media
- Impact
  - Status and importance



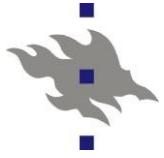
## Past

- Virtual Journal of Helsinki Medical Research
  - 'A monthly multijournal compilation of the latest research at the University of Helsinki'
  - Published from 2000 until 2005
  - Table-of-contents, links to full text and PubMed abstract
  - Major influence
    - Lund Virtual Medical Journal 2002-2007
    - Lund Medical Faculty Monthly



## XML and RSS

- Web feed
  - Data format used with non-stop updated content
- FeedNavigator
  - A web feed aggregator made in Terkko
  - Downloads 4000+ medical and health feeds
  - Helsinki Medical Publications channel and 200+ individual University scholars (from PubMed)
  - The database used for Scholar Chart
  - On Friday: ' FeedNavigator – a medical current awareness service'



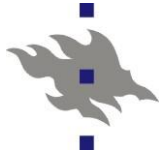
## Scholar Chart: a mashup

- Mashup
  - Web application
  - Combines data from more than one source
  - Single integrated service
  - API: application programming interface
- Scholar Chart
  - Lists 550+ Finnish medical scholars' articles in real time
  - Helsinki, Turku, Tampere, Kuopio, Oulu, Institutions
  - Combines:
    - FeedNavigator RSS feeds
    - Impact Factors
    - SCImago Journal Ranks



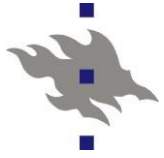
## Scholar Chart: set of values

- Absolute number of publications
- Mean value of journals' Impact Factors
  - In which the scholar has published
  - Journal Citation Reports, Thomson Scientific
- Mean value of journals' SCImago Journal Ranks
  - In which the scholar has published
  - Scopus, Elsevier, SCImago Research Group (Spain)
- Terkko Factor
  - Combination of these values
  - $(\text{Square Root}(\text{Average Impact Factor} \times \text{Average SJR}) \times \text{Number of Publications})$
- The lists can be sorted by all of these fields
- The data is provided for the latest 365 days



## Scholar Chart: summary

- Innovative
- Auto-updating alerting tool
  - Practically in real time
- Easy to use
- To keep count of Finnish medical publications
  - International journals
- Graphical presentation
- Co-authors
- Citings
  - Helsinki
- Direct linking to individual scholars
  - <http://www.terkko.helsinki.fi/scholarchart/?researcher=630>



## Scholarly publishing: institutional repository

- Terkko Document Space (TDS)
  - Institutional Repository of the Medical Faculty, University of Helsinki
  - Metadata is collected automatically from various sources (Medline, Web of Science, Biosis etc.)
  - Full text is added on to the metadata
  - Principal Investigator Profiles
    - Work in progress
    - Promoting scholarly publishing beyond the normal repository boundaries



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# Thank You!

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<http://www.terkko.helsinki.fi/>

<http://www.terkko.helsinki.fi/scholarchart/>

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