On track for PhD students?

Eystein Gullbekk and Kirsten Borse Haraldsen

ECIL 2013 – Istanbul, October 22. – 25.

PhD
▶ ON TRACK

New to PhD?

REVIEW AND DISCOVER
learn about:

- reviewing literature
- searching your field
- systematic searching
- referencing
- reference managers

SHARE AND PUBLISH
learn about:

- reasons to publish
- where to publish
- submitting articles
- co-authorship
- copyright
- Open Access

EVALUATION AND RANKING
learn about:

- citation impact
- bibliometric funding - Denmark
- weighted funding - Norway

NHH   Høgskolen i Bergen   Nasjonalbiblioteket   THE UNIVERSITY LIBRARY AALBORG UNIVERSITY   UNIVERSITY OF BERGEN   UiO : University of Oslo

About PhD on Track

www.phdontrack.net

National Qualification Framework (examples)

Knowledge:

- is in the forefront of knowledge within his/her academic field and masters the field´s philosophy of science and/or artistic issues and methods

General competence:

- can communicate research and development work through recognized Norwegian and international channels

Supporting PhD students – which challenges are we meeting?

They say I work by «deficiency thinking»

A doctoral programme has booked a librarian!

What kind of support do they need?

Help me out here!!

Developing PhD on Track

1 Identifying needs

2 Testing and developing PhD on Track

1

Identifying needs
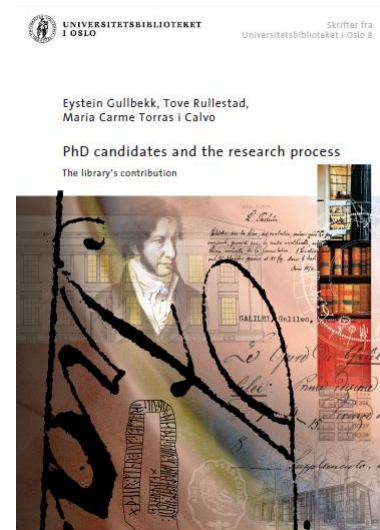
The project (2010/11 – 2013)

Phase 1

A study on PhD students' information behavior and their perceived needs
- Literature review
- Focus group interviews

Phase 2

Developing and testing online modules

- Project partners: The university libraries in Oslo, Bergen and Ålborg and the libraries at The Norwegian School of Economics and Bergen University College

UNIVERSITETSBIBLIOTEKET I OSLO

Skrifter fra Universitetsbiblioteket i Oslo 8

Eystein Gullbekk, Tove Rullestad, Maria Carme Torras i Calvo

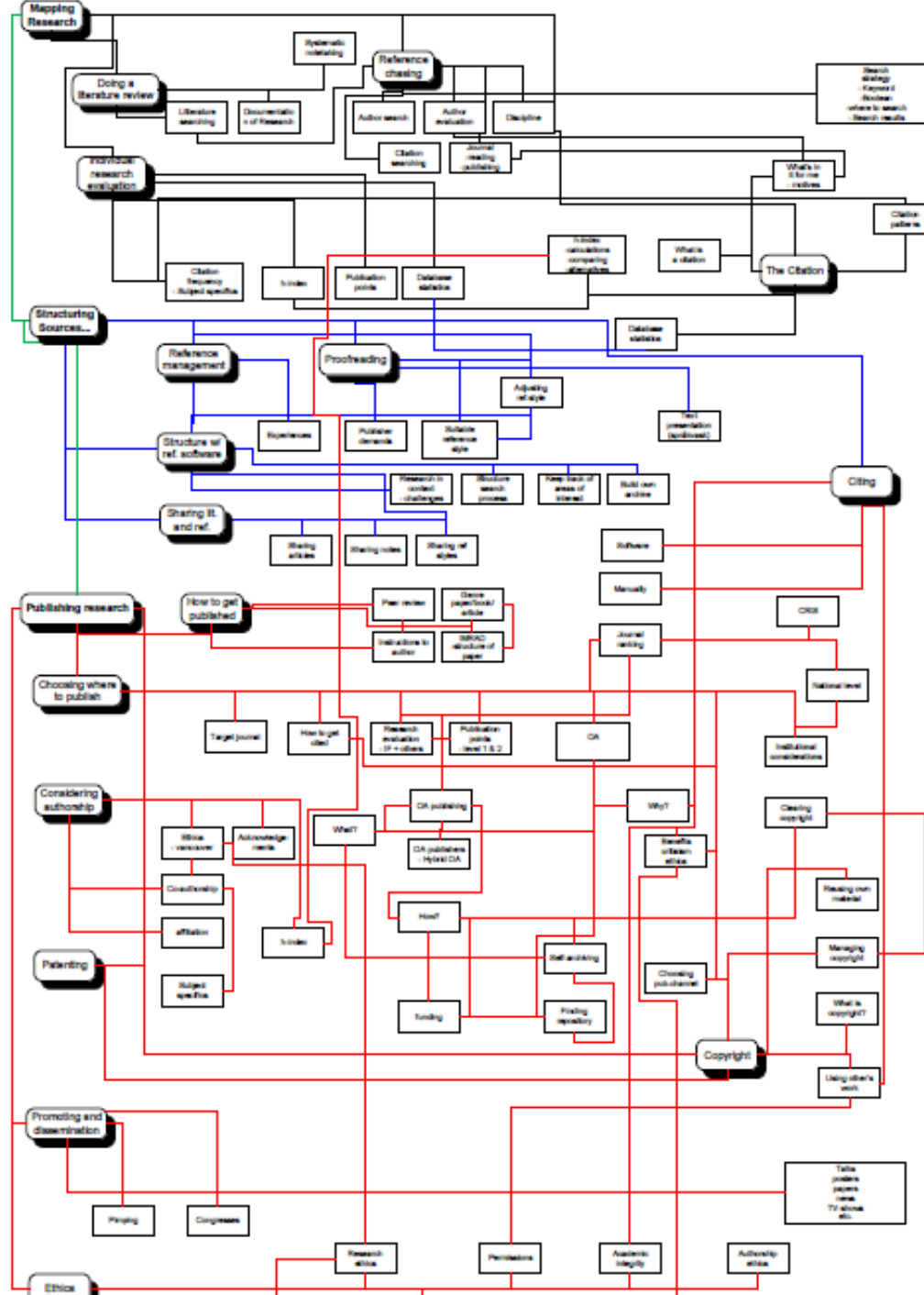**PhD candidates and the research process**
The library's contribution

Gullbekk, E., Rullestad, T., & Torras i Calvo, M.-C. (ed.) (2012). PhD candidates and the research process:The library's contribution. *(Vol. 8). Oslo: Universitetsbiblioteket i Oslo.*

Phase 1: Selected findings

- Information literacy as a process
  - Reading vs searching: reference chasing

- Publishing
  - Diciplin based variation: formal requirements vs informal pressure

- Library support
  - Libraries need to strenghten knowledge about research processes
    - Mapping field vs finding specific items
    - Skills gap
    - Complexities

Illustration: http://www.phdontrack.net/

Mapping Research

Doing a literature review
- Systematic notetaking
- Reference chasing
- Literature searching
- Documentation of Research
- Author search
- Author evaluation
- Discipline
- Search strategy · Keyword · Boolean · where to search · Search results
- Citation searching
- Journal reading publishing

Individual research evaluation
- What's in it for me · motives
- Citation patterns
- h-index calculations comparing altmetrics
- What is a citation
- The Citation
- Citation frequency · Subject specifics
- h-index
- Publication points
- Database statistics

Structuring Sources...
- Reference management
- Proofreading
- Adjusting ref style
- Database statistics
- Text presentation (problems)
- Structure w/ ref. software
- Experiences
- Publisher demands
- Suitable reference style
- Citing
- Research in context · challenges
- Structure search process
- Keep track of areas of interest
- Build own archive

Sharing lit. and ref.
- Sharing articles
- Sharing notes
- Sharing of styles
- Software
- Manually

Publishing research
- How to get published
- Peer review
- Genre paper/book/ article
- Instructions to author
- IMRAD structure of paper
- Journal ranking
- ORCID
- National level
- Institutional considerations

Choosing where to publish
- Target journal
- How to get cited
- Research evaluation · IF + others
- Publication points level 1 & 2
- OA

Considering authorship
- Ethics · vancouver
- Acknowledge merits
- OA publishing
- What?
- Why?
- Benefits citation ethics
- Clearing copyright
- Co-authorship
- OA publishers · Hybrid OA
- How?
- Reusing own material
- affiliation
- h-index
- Self archiving
- Managing copyright

Patenting
- Subject specifics
- funding
- Finding repository
- Choosing pub channel
- What is copyright?
- Copyright
- Using other's work

Promoting and dissemination
- Blogging
- Congresses
- Talks posters papers blogs TV shows etc.

Research ethics
Permissions
Academic integrity
Authorship ethics

Ethics

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About PhD on Track

Content development

- *Illustrate* challenges

- *Demonstrate* possible procedures

- *Explain and clarify* principles and perspectives

- *Provoke* decision making and reflection

2

Developing and testing

Phase 2: Developing and testing

✓ Design and technical development
  (contract, Centre for New Media, Bergen University College)

✓ Developing and editing content
  (project group)

✓ User testing and quality assurance
  (project group)

Testing methodology

- Expert evaluation (November 2012)
- Usability testing (Januar 2013)
- Focus group interview (February 2013)
- Expert evaluation (March 2013)

Selected results of usability tests: challenges

Findings

- ✓ Clearer communication needed
     Early stage research students

- ✓ Deeper understanding is needed,
     PhD on Track as a learning resource.
     Didactic examples

- ✓ Prefered behaviour: browsing by
     scrolling up and down on page

- ✓ Importance of significant terms

Action

- ➤ Adressing the individual learner: «You will learn», «an academic author should know»

- ➤ Text structured with clear ingress and short introductions. «Show more» for further reading and examples. Illustrating figures.

- ➤ Fixed menues

- ➤ Enhanced consistancy

Illustration: http://www.phdontrack.net/

I'm looking for...

PAGE CONTENT

Instructions to authors

Structuring your manuscript

Submission

The peer-review process

Preprint and publication

Submitting articles

Once you have chosen where to publish, you must prepare your manuscript according to the requirements of the publisher. You may publish your research in books, journals or conference proceedings. This page guides you through the process of preparing a manuscript for submission to a peer-reviewed journal, including:

- instructions to authors
- structuring your manuscript
- submission of the manuscript
- the peer-review process

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Illustrate challenges

Figure: Based on Derntl, 2003,2011.

Back to top
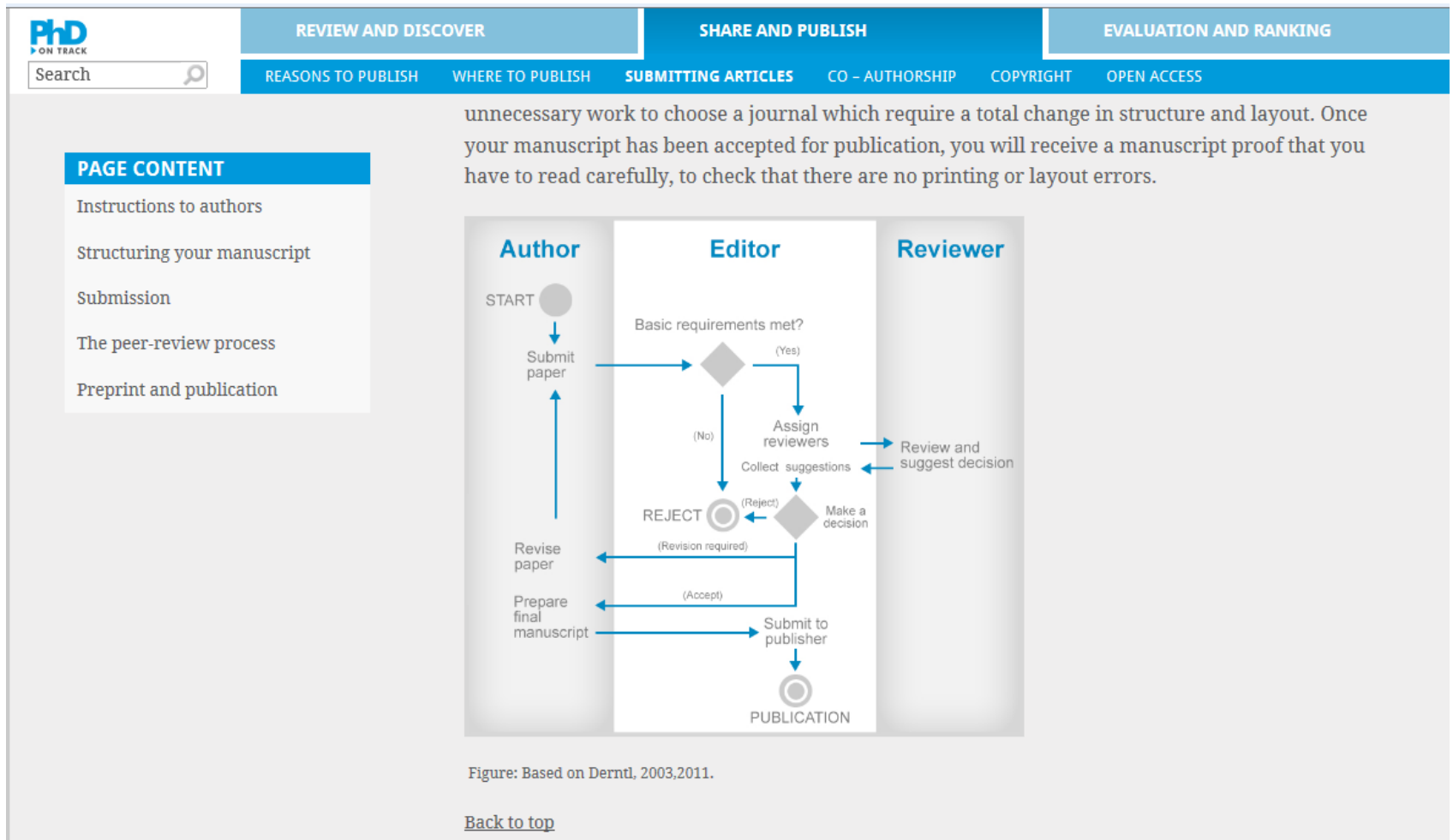
Explain and clarify principles

The Impact Factor (IF) is based on the number of citations (A) in the current year to items published in the previous 2 years and the number of articles (B) published in the same two years: IF=A/B.
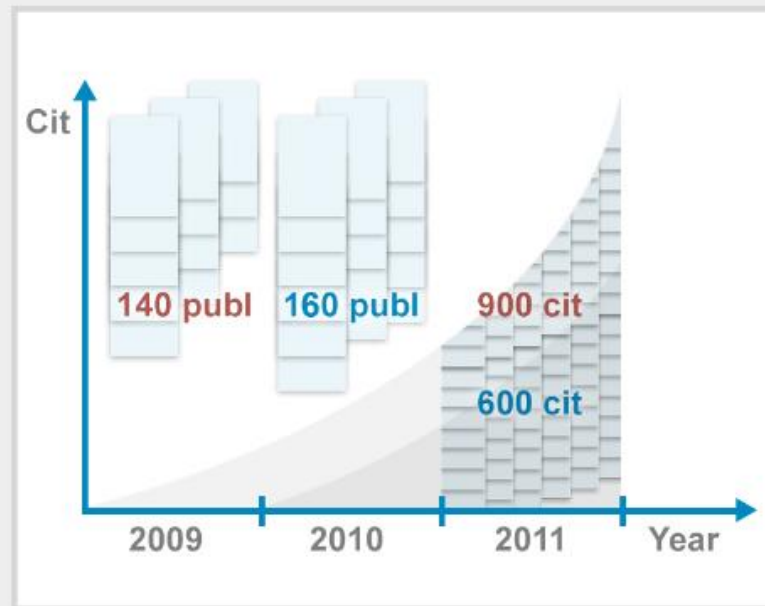

Figure: The grey shaded areas indicate the citations received for articles published in 2009 (light grey) and 2010 (dark grey). Only citations in 2011 contribute to the Impact Factor for 2011.

IF for 2011	2009	2010	Sum
Citations in 2011 of articles published in	900	600	1500
Articles published in	140	160	300

Provoce reflection

DILEMMA – HOW TO LIST AUTHORS IN A COLLABORATIVE WORK?

A PhD student has been working on an article in collaboration with her supervisor and other students. What to do if there arises a dispute over co-authorship?

Show less ▲

All of the students and the supervisor have contributed to the writing, reviewing and collecting of data, and are therefore all listed as co-authors on the by-line of the article.

The article is in the process of being submitted to a prestigious journal, when the leader of the research group (Professor A) contacts the supervisor. Professor A takes it for granted that he will be on the by-line of the article. The authors will be listed alphabetically, which means that Professor A will be the first author on the by-line. The PhD student, who has done most of the work, will be listed as author number three.

He has several arguments for this:

- He is an experienced and well sought after researcher in the field.
- He has published several articles in the journal earlier, and also knows one of the editors.
- Putting him on the author list might make it easier to get the article accepted in the journal.
- He also argues that since the project has financed the work on the article, it is only reasonable that he should be on the author list.

In his instance: What do you think should be the criteria for authorship? What is the fairest way to list authors on the by-line of the article?

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Demonstrate possible procedures

If violated – what to do?

Your material has been used in contravention of your copyright, e.g. someone has used your work and has not attributed it to you.

Contact the violator and find out if he or she is willing to withdraw or change the work according to what is right. If not, as a last resort: make a formal legal complaint in the court system.

MODEL LETTER FOR CONTACTING A VIOLATOR OF YOUR COPYRIGHT

Here you will find an example of a letter you can write if your copyright is violated.

Show less ▲

[Your name, and contact information (indicate how you are most easily contacted)] Today's date

[Name and contact information of the copyright infringer or the publisher of the work in which the copyrighted material is misused]

Dear [name]

It has come to my attention that you have used some of my material in contravention of my copyright. The material in question is:

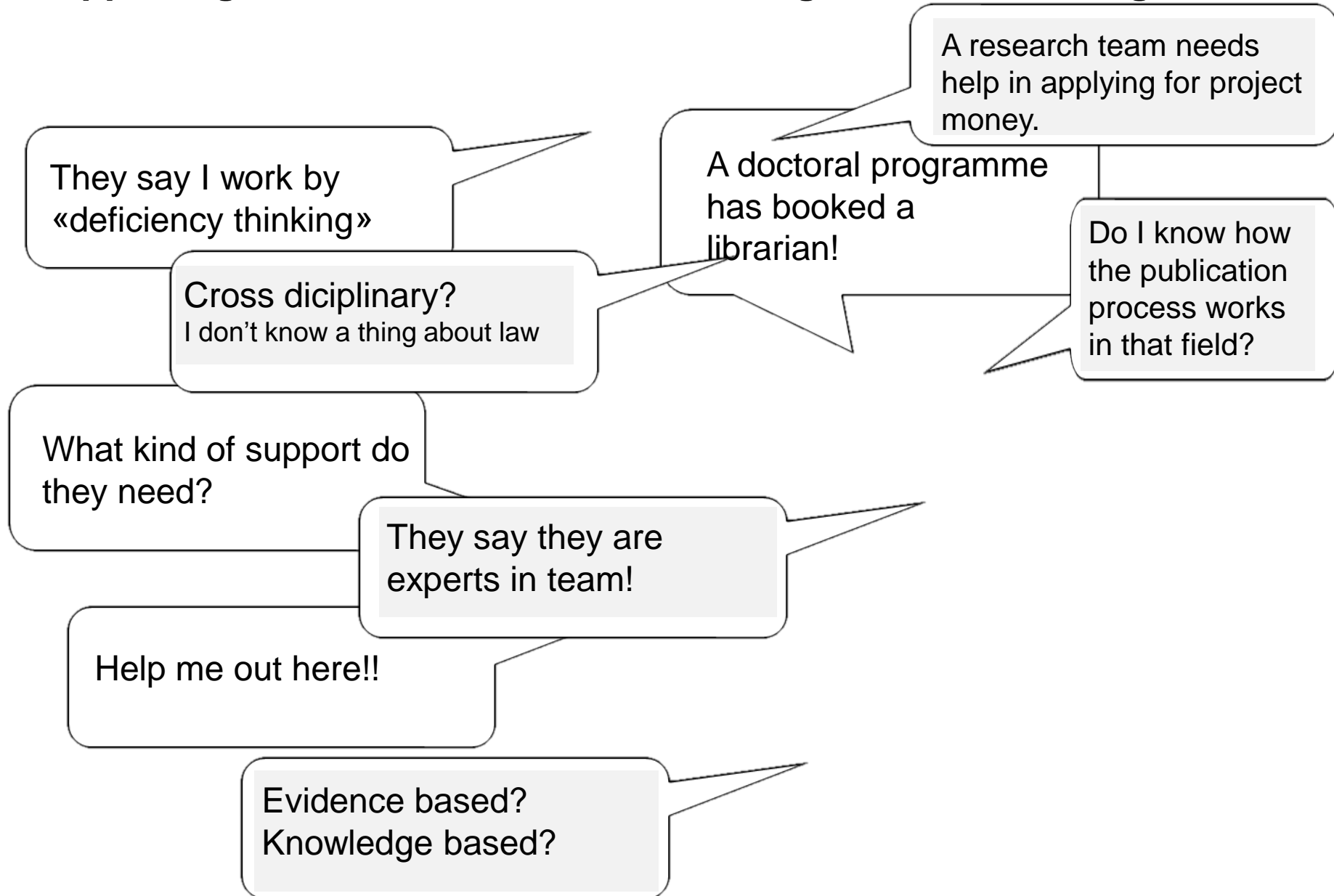[Give a full citation, a description of the material and where it is published]

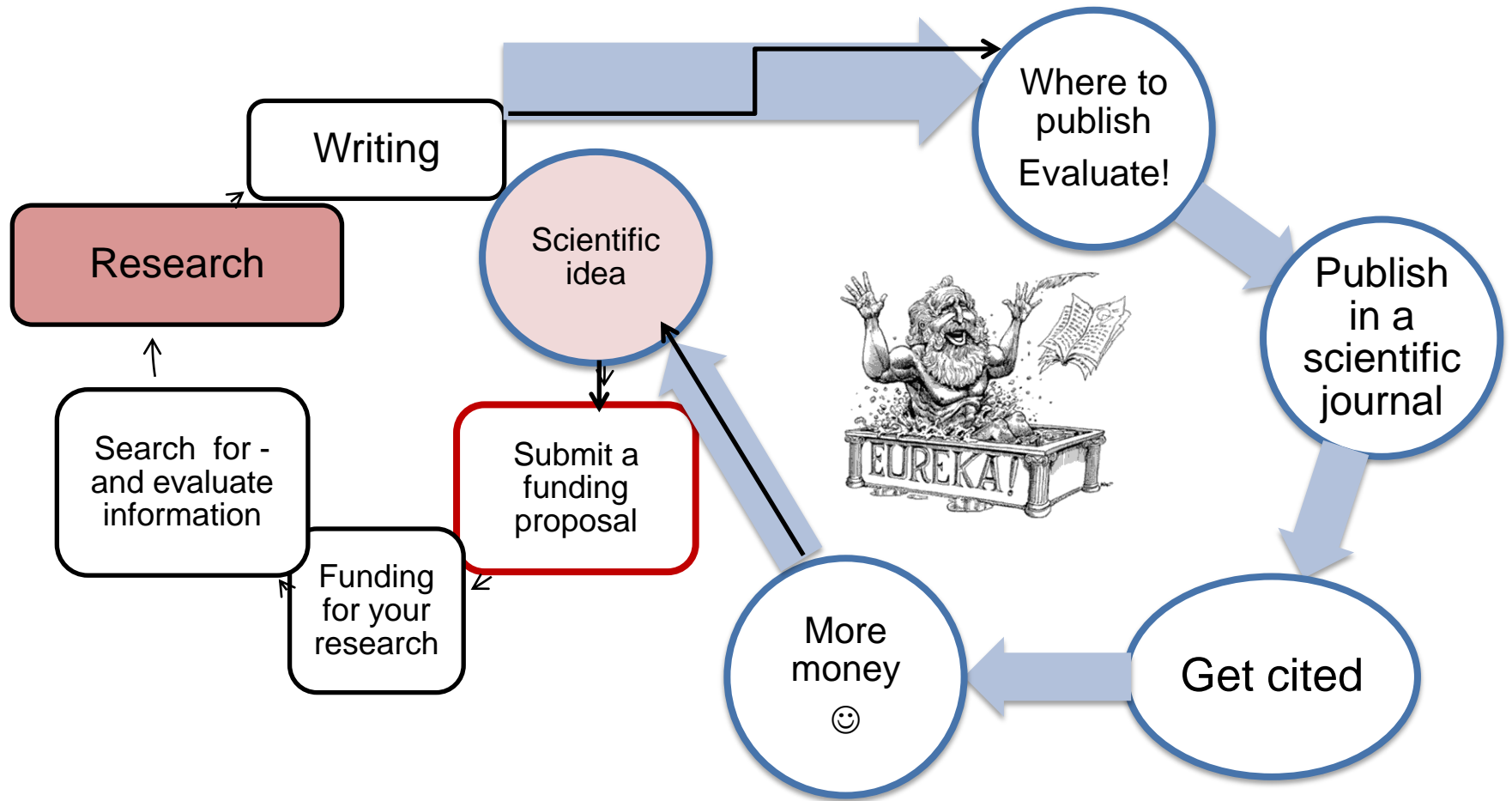# Selected results of usability tests: positive feedback

Finding

- ✓ One stop shop! All of the research process collected. Pointed out as unique!

- ✓ Logic structure

- ✓ Categories give meaning

- ✓ Selected topics seen as relevant

Illustration: http://www.phdontrack.net/

Supporting PhD students – which challenges are we meeting?

A research team needs help in applying for project money.

They say I work by «deficiency thinking»

A doctoral programme has booked a librarian!

Do I know how the publication process works in that field?

Cross diciplinary?
I don't know a thing about law

What kind of support do they need?

They say they are experts in team!

Help me out here!!

Evidence based?
Knowledge based?

Your life as a scientist...

Writing

Research

Scientific idea

Search for - and evaluate information

Funding for your research

Submit a funding proposal

Where to publish
Evaluate!

Publish in a scientific journal

EUREKA!

More money ☺

Get cited

Looking foreward…..?

- Evaluation: applied in courses
- Additional content: examples from different diciplines
- Considerations on additional topics
- Dialogue with similar projects/products
- Marketing and implementation
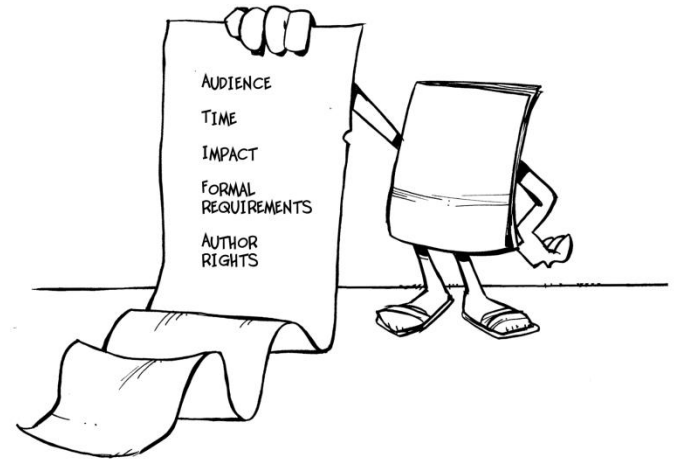- Continuing feedback - ASK US button

Concluding remarks

Gains:

    Perceived as relevant by the target group
    Integrating library support in the research process
    Support for developing our teaching of PhD students

Further challenges:

    Balancing roles in the academic community
    Audience does not discriminate the library from wider research
    support

The Project Group

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Thank you for your attention!