

# **TO THE TOP AND OUT TO SOCIETY**

## **INTERNATIONAL EVALUATION OF RESEARCH AND DOCTORAL TRAINING AT THE UNIVERSITY OF HELSINKI, 2010-2012**

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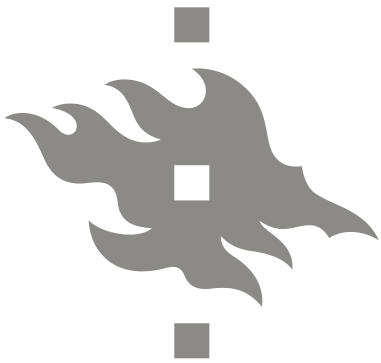
Evaluation questions



## BACKGROUND FOR THE EVALUATION (1/2)

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- Previous Evaluations of Research in 1999 and 2005
- Previous Evaluations of Teaching in 2002 and 2008
- The University level evaluation every six years is agreed in the evaluation plan of the University of Helsinki (years 2010–2020)
  
- Present evaluation is based on the publications and other data of the years 2005–2010 - looking backwards and forwards
  
- Bibliometric analyses included
  - Interest and application increasing



## BACKGROUND FOR THE EVALUATION (2/2)

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### Benefits of the present evaluation for the University

- University's **own interest** of knowledge production
- National RAEs are lacking in Finland
- National Publication Forum is established, not yet implemented

### Benefits of the present evaluation for the academic community

- **Feedback by external experts**
- **Identification of strengths and objectives to be developed**
- **Strategic tool** which improves national and international visibility
- Recognition of **existing collaborative structures** across faculty/department borders



## DESIGN AND PLANNING

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- Steering group appointed by the Rector 29.1.2010
  - tasks: to design, steer and follow-up the evaluation process
  
- Members of the steering group
  - **Vice rector J. Björkroth, chair**
  - **Professor M. Airaksinen, vice chair**
  - Chief Information Specialist M. Forsman
  - Professor A. Mustajoki
  - University Lecturer K. Pyhältö
  - Director of Strategic Planning and Development O. Tuomi
  - Doctoral candidate J. Vauhkonen



## EVALUATION METHOD

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### PREVIOUS

- A Collection of distinguished publications
- Based on institutions' basic structure/borders
- All units participate
- Evaluation material, best publications – publication reports – selected list of publications
- External panellists 148
- Conclusions – Units – fields of scs - University
- Rewards – success in outcomes rating compared to the earlier success

### PRESENT

- Meta-evaluation based on information about publication and other scientific activities
- Researcher Communities
- Voluntary participation
- Evaluation material – list of publication, evaluation questions, bibliometrics or comparable analysis
- External panellists 50
- Conclusions for RCs and for the University
- Rewards – success, according to several aspects and criteria



# Two special concepts

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- **Researcher community**

- **Participation category**

- **Genuine, real or artificial?**

**Fitness for the category chosen?**



## PEER REVIEW

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- Panels (5)
- Panellists (50)
  - Including 10 Chairs/Vice-Chairs
- RCs proposed 470 candidates for the Panels
- Faculties and Research Institutes proposed 55 candidates for Chairs/Vice-Chairs - partly the same as the candidates for the Panels
- Distribution of work proposed to the Panel members /Chairs/Vice-Chairs has been discussed in a meeting in Amsterdam in spring
- Proposition of the steering group to Rector concerning awarding during September.





## PARTICIPATION CATEGORIES

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In the registration stage RCs selected one participating category:

- 1 The research is internationally on the **cutting edge** of the field.
- 2 The research is of high quality but the participating researcher community does **not** have strong international status or well-defined **breakthrough yet**.
- 3 The research differs from main stream research and is considered **exceptional** due to specific, justified features of the research field/area and tradition which need to be taken into account in the evaluation.
- 4 The research represents an **innovative opening** in the field.
- 5 The research has a highly significant **societal impact**.

**There is no hierarchy between the categories. Each category is as valuable. The aim is to understand the University's operational environment. The interest is to receive statements about the category choice and how well they characterize the RCs.**



# Evaluation form for the panelists

- A. Questionnaire (Evaluation questions)
  - 1. Focus and quality of the RC's research (publications, activities, statistics and bibliometric report)
  - 2. Practises and quality of doctoral training (including information about doctoral dissertations supervised or under supervision)
  - 3. The societal impact of research and doctoral training (including statistics and lists of 'other scientific activity')
  - 4. International and national research collaboration and researcher mobility
  - 5. Operational conditions
  - 6. Leadership and management in the researcher community
  - 7. External competitive funding of the RC
  - 8. The RC's strategic action plan for 2011–2013
- B. Evaluation of the category of the RC in the context of entity of the evaluation material (1–8)
- C. Description of how the RC members contributed the compilation of the materials.
- D. How are the focus areas in research presented in the RC's evaluation documents?



## EVALUATION ASPECTS IN THE QUESTIONS

Aspects	Evaluation questions								
	1. Focus and quality of research	2. Practices of doctoral education	3. Societal impact	4. I&N collaboration	5. Operational conditions	6. Leadership and management	7. Funding	8. Strat action plan	9. Category choice
<b>Scientific quality:</b>	X			X			X	X	X
<b>Scientific significance</b>	X						X	X	X
<b>Societal impact</b>	X		X				X	X	X
<b>Processes of L&amp;M</b>		X			X	X		X	X
<b>Collaboration</b>			X	X				X	X
<b>Innovativeness</b>	X		X				X	X	X
<b>Future significance</b>								X	X



## PARTICIPATION ACTIVITY

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- Participating RCs 136
- Researchers 5857, of whom 1131 Principal Investigators (partly overlapping)
- Activity of Principal Investigators participating in the evaluation varies from 36 percentage to 89 of PIs in their Faculties
- The participating activity in the Researcher Institutions is an average higher than respective in the Faculties



## PARTICIPATING RESEARCHER COMMUNITIES

Cat	Bio	Hum	Med	Nat	Soc	Total
1 CEedge	13	10	12	11	11	<b>57</b>
2 NCedge	3	6	4	3	8	<b>24</b>
3 Excep	5	6	<b>0</b>	<b>0</b>	5	<b>16</b>
4 Inn.open	5	4	4	6	6	<b>25</b>
5 Slmp	2	2	2	2	6	<b>14</b>
<b>Total</b>	<b>27</b>	<b>28</b>	<b>23</b>	<b>22</b>	<b>36</b>	<b>139</b>



## FURTHER INFORMATION

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Open WIKI-sites of the evaluation

<http://wiki.helsinki.fi/display/evaluation2011/Home>

The special WIKI-sites for the panellists were applied in the delivery of information