



JÖNKÖPING UNIVERSITY

Development plan HRS4R

3) Systematic evaluation of research at JU

POLICY

PLAN

BESTÄMMELSE

HANDLÄGGNINGSSORDNING

TITEL: Development plan HRS4R, 3) Systematic evaluation of research at JU

VERSION: 2018-06-08

ATTACHMENT TO DECISION: Action Plan HRS4R 2018-2021

ORIGINAL LANGUAGE: English

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SPONSOR: President

CHAIRMAN OF THE STEERING GROUP:
President

PROJECT LEADER: Vice President for Research

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BACKGROUND and Purpose with the development of this area

Jönköping University (JU) conducts research at four schools (Jönköping International Business School, School of Education and Communication, School of Engineering and School of Health and Welfare). One of JU's overall goals and areas for strategic initiatives in 2017-2021 is: We will increase internationally competitive research. The research is monitored annually at the respective school, including for example bibliometric indexes, but there is today no JU overall systematic evaluation of the research or of the co-production and social impact.

Research has traditionally not been followed up at national level, in the same way as education and postgraduate studies. In July 2017, therefore, the University Chancellor's Office (UCO) was commissioned by the government to further develop the national quality assurance system for higher education so that it also includes quality assurance of research. It was also desired to examine how the research policy goals could be achieved and quality assured. The results of the assignment, including recommendations, were published in three reports April 9, 2018. In summary, UCO recommends:

1. Quality assurance of research: The audit of the quality assurance of the respective research should be based on separate guidelines and self-assessments, and the results should be reported in separate reports. The review should take place at the same time to strengthen the link between education and research. Both qualitative and quantitative data should be included in the review and all assessment documents should be weighted in the assessment. The review should be done using an independent assessment team.
2. Coordination of follow-up and evaluation: UCO proposes, among other things, that the UCO's task is to establish and coordinate a network between the relevant authorities to get an overview of the follow-up and evaluations made in different directions. The purpose is to identify cooperation opportunities and minimize the risk of duplication and overlap.

The Swedish Research Council recommends in the report: *How can the follow-up of Swedish research be developed?* that the indicators for the development of Swedish research and development work, concern the three sub-goals that the government indicated as follow-up:

- *Sweden should be an internationally attractive country for investment in research and development.* Public and private investment in research and development should continue to exceed the EU's goals. Suggestions of indicators: 1) The development of total research and development expenditure in Sweden as a percentage of GDP. 2) Contributions from abroad. 3) How much share comes from the state, business and other national sources.
- *A comprehensive quality enhancement of research will be done and gender equality will increase.* Suggestions of indicators: 1) Share of high-cited publications. 2) Grants from Horizon 2020, EU Research Framework Program. 2) The distribution of men and women in different employment categories, as well as among newly employed professors, lecturers and doctorates. 3) Proportion of women and men who have become professors twelve years after doctoral degree.
- *Collaboration and social impact will increase.* Suggestions for indicators: 1) Funding in the form of grants and assignments to universities and colleagues from the surrounding society and in the form of innovation cooperation. 2) Shared services expressed as adjunct professors, lecturers and adjuncts, respectively, graduate students with employment outside the university. 3) Joint publications, ie. scientific publications with authors from both the higher education sector and the rest of society. 4) The proportion of the population who underwent higher education. 5) Share of Swedish scientific publications available through open access, ie. which is freely available.

Identified gaps from researchers from JU is: 1) a lack of incentives for dissemination and exploitation of results today and also 2) lack of a structured way to measure and evaluate impact and exploitation of

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results and 3) A need for more systematic evaluation of research. This will be important way for profiling JU in the future.

With this background, JU is working on developing systems to assure and monitor quality in research. The aim is to ensure that the research at JU stands with high quality and that the quality assurance system can identify both high quality research, and shortcomings and needs for improvement. The plan is to carry out an Assessment of Research and Co-production (ARC) for four research environments from all four schools in 2018. In 2019, an ARC will be carried out for remaining research environments, with the results from ARC18 as a guide. Meanwhile, and based on the results from the two ARCs, JU will build a quality assurance system for a systematic evaluation of research.

Objective and output

The overall objective is assurance of research with high quality and opportunities to identify areas of improvement.

- Research with high quality and social impact
- Increased opportunity for collaboration, attraction and competitiveness
- Increased visibility and transparency of research
- Increased opportunity for external funding for research
- Facilitated recruitment of researchers with excellence

Delivery targets

- One Assessment of Research and Co-production (ARC) in 2018, and one ARC in 2019
- Developed quality assurance system for systematic evaluation of research

Delimitations

Research

RISKS

The risks of a JU overall evaluation of research are:

- An increased burden on researchers, which may affect the research
- Difficulty finding comprehensive systems that are efficient and functional for different disciplines

ORGANISATION

Project sponsor	President
Chairman of the Steering Group	President
Steering Group	Jönköping University Executive Team (JU Ext)
Project Leader	Vice President for Research
Project Group	Strategic committee for research including Associate Deans of Research from the four schools.

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Reference Groups	The documents will be anchored at the organization through the Leadership Team at every School
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Stakeholder analysis

- Researchers and leaders at JU
- Surrounding society
- Research Funders
- All employees at JU

Schedule

	Delområde	När (2018)
1	ARC 1	2018
2	ARC 2	2019
3	Developed and implemented quality assurance system for systematic evaluation of research	2021