

SHORT TERM SCIENTIFIC MISSION (STSM) – SCIENTIFIC REPORT

The STSM applicant submits this report for approval to the STSM coordinator

Action number: TD1404

STSM title: Meta-synthesis of NEOH case studies

STSM start and end date: 15/04/2018 to 21/04/2018

Grantee name: Mijalche Santa, PhD

PURPOSE OF THE STSM/

The aim of my short term scientific mission at Jönköping International Business School is to:

- Select an approach for meta-synthesis based on the different approaches to meta-synthesis
- Perform preliminary meta-synthesis of the primary and secondary datasets from One Health initiatives (case studies from WG2) and the meta-synthesis performed by WG3.
- Explore in more details the meta-theorizing segment as a base for developing One Health theories.

The aims stated above are directly related to tasks identified in NEOH

- Enhancement of the meta-analysis research output
- Development of an approach for meta-synthesis
- Development of contribution to chapter 8 (Meta-analysis)
- Promotion and dissemination of the work from NEOH through scientific publication

DESCRIPTION OF WORK CARRIED OUT DURING THE STSMS

Meetings and discussions

During my stay I had meetings with the following members of the research group:

- Mark Edwards, assistant professor. We met every day during my STSM and worked together on structuring a meta-synthesis script, proposing lenses for meta-synthesis and organizing presentation to faculty at Jönköping International Business School.
- Felicia Gabrielsson Järhult, from Jönköping Academy for improvement of health and welfare. We met two times and discussed how their transdisciplinary approach in research can be utilized for meta-synthesis research in One Health. I also made a presentation about One Health and the purpose of my visit.
- Marlene Ockander from Jönköping Academy for improvement of health and welfare. She was also present on one of the meetings with Felicia. Her experience in managing transdisciplinary research programmes added practical insight to meta-synthesis challenges.

- Sofia Kjellström from Jönköping Academy for improvement of health and welfare. We discussed how different lenses can be used to research One Health and welfare. During the meeting I presented ideas based on the lenses we identified with my host Mark Edwards.

Attended Workshop

During my stay I attended a workshop titled “Innovation for sustainable development – Aligning regional perspectives and a global context” delivered by assistant professor Guenola Nonet and professor Tomas Mullern.

Delivered presentation

Together with my host we organized a presentation for the members of Jönköping International Business School that covered the following topics:

- Theorizing in established and emerging fields
- Research logics for meta-synthesis
- Suitability of One Health for meta-synthesis

DESCRIPTION OF THE MAIN RESULTS OBTAINED

The result of the activities performed during the STSM are:

- Developed a framework that could be used as a lens for meta-synthesis. The framework has two dimensions. The first dimension has the following elements: Micro (Individual), Meso (Group) and Macro (Community). The second dimension has the following elements Subjective, Relational and Objective. The aim is this 3x3 matrix to map the research on One Health. Based on the preliminary analysis of the existing cases we identified the central cell of “Group Relationality” as most promising base for theorising about One Health.
- Introduction of research logics of abduction and retroduction. The result of this STSM is that we also identified One Health domain as an emerging domain that can benefit from the abduction and retroduction logics. Abductive reasoning is a type of inference that generates new explanations through examining the assumptions underpinning iterative cycles of induction and deduction. While retroduction is an imaginative refining down of abductive possibilities. It helps us to see what is the most useful, fertile, parsimonious explanations to account for the phenomena that is theorized. These logics are useful when there is a need to make a conceptual breakthrough for emerging domain. At this moment there is a rapid growth of empirically based one health research, however there is lack of theorization of the domain. We presented this idea on the seminar we gave to the faculty staff at Jonkoping International Business School.

FUTURE COLLABORATIONS (if applicable)

Based on the established relations with my host, prof. Mark Edwards, and by taking in account that One Health is emerging scientific domain we agreed in the future to work on meta-theorizing of One-health. Theorizing and development of mid-range theory is most needed contribution to One Health in this period. In this regard we aim: the lenses we identified to be combined with abductive and retroductive logics. Through abduction to engage in plural conceptual exploration and through retroduction to provide a justification for identified explanatory system that should result in mid-range theory about One health.

Furthermore, with the representatives from Jönköping Academy for improvement of health and welfare we agreed to continue our communication and share our experiences in direction of how we can theorize these scientific domains by having a transdisciplinary approach.

CONFIRMATION BY THE HOST OF THE SUCCESSFUL EXECUTION OF THE MISSION

According to the proposal, I have carried out the STSM successfully. All the planned activities were performed and as a result the STSM's aims were achieved. Also, a base for future cooperation was established.

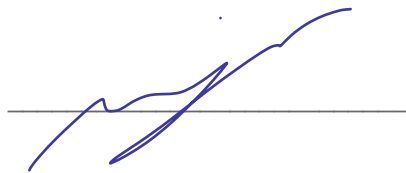
OTHER COMMENTS

I am most thankful to prof. Mark Edwards for not only having me invited for this STSM, but also for the excellent support, cooperation and friendship during my stay. I am also thankful to all the Faculty members for their cooperation and interest to the topics we discussed.

Signatures

Grantee

Mijalche Santa



Host

Mark Edwards

