

## RESEARCH CLINIC

### General information

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| Supervisor:                               | Lucie Zicha   |
| Title of clinic:                          | What Science? Examining Replication Problems in Scientific Research |
| Number of students:                       | 7   |
| (Pre)requisites ( <i>if applicable</i> ): | None  |

### Research context

The research clinic will delve into the historical context of replication in scientific research, the origins of the replication crisis in modern age and its consequences for systematic accumulation of knowledge. The research clinic will examine the extent there is a “crisis “and to catalogue the current efforts to mitigate the replication problems across multiple disciplines and reflect on the potential of these efforts to succeed.

### Students’ tasks and activities

#### Timeline:

1. *September – October*: group seminar discussions and presentations on the selected topics for research.
2. *November*: group consultations on the final research report.
3. *December* – compiling the final edited manuscript.

Students will research one of the topics below and compose a research report.

1. Historical role of replication in scientific research.
2. Is there a replication crisis in the current scientific research?
3. Current efforts to mitigate replication problems in science across different disciplines.
4. Academic Publishing and Replication standards.

Together all research will be compiled into a single edited manuscript.