

PhD as Open Notebook Science

I. Mandatory for All Projects

I.A. Copyright and Intellectual Property Rights

I.A.1) Copyright/IP Status

We will try and assign Creative Commons, Share-Alike, Attribution 4.0, when possible.

I.A.2) Ownership Rights

I will assert ownership rights, but anybody may use the digital content under CC-BY-SA 4.0 conditions.

I.A.3) Privacy/permissions

In some cases we maybe collecting private data, such as human subjects research, which must be kept private, and are not published.\n

IV. For Projects Creating Research Data

IV.1) Summary of purpose

The purpose of this research is to treat the process of obtaining a PhD as a research project in itself. The idea is to study myself as while I embark on the canonical research. I will collect the materials and artefacts that could would otherwise simply be exhaust, as part of an 'open notebook'.

IV.2) Approvals

The proposed research does not require IRB approval, as I am only studying myself.

IV.3) Privacy

I am collecting information on myself, and waive all my own rights to privacy in those cases.

IV.4) Other documentation

No additional consent agreements required.

IV.5) Data collection / generation

The data will be generated by the outputs and side effects of my normal pursuit of my PhD. It will be collected mainly digitally by gathering and saving the files and communications footprint created by myself. If an important analog artefact is created, it will be digitized by picture or video. Those files will be stored on my harddrive, which is backed up into the cloud.

IV.6) Metadata and documentation

We will attempt to document with IPython Notebooks where possible, and readme.md markdown files otherwise.

IV.7) Archiving plan

As much as possible the data will be made available through github. Larger files might be stored on publically accessible HTTP servers on University of Minnesota Computer Science Department Servers.

IV. 8) Repository

There will be multiple repositories: often public from <https://github.com/notconfusing> .
And usually linked from : <http://notconfusing.com/category/type/phd/> .

IV.9) Implementation

Data Management plan will be reviewed annually, at the same time that I undergo the PhD annual review as part of the GroupLens program.