UB
UNIVERSITÄTSBIBLIOTHEK
MANNHEIM
Open Science Office

Open Science Grants 2025


funded by
Open Science Office

Dr. David Philip Morgan & Dr. Philipp Zumstein
University Library, University of Mannheim, Open Science Office

Questions?

UB
UNIVERSITÄTSBIBLIOTHEK
MANNHEIM

Open Science Office

Feel free to write your questions in the Q&A and we will get to them after the presentation! There will be lots of time for questions!

In a nutshell

UB
UNIVERSITÄTSBIBLIOTHEK
MANNHEIM
Open Science Office

The Open Science Grants are aimed at researchers from **all faculties, departments and scientific institutions at the University of Mannheim**. Applications can be submitted for **up to 6,500 euros** for a project duration of up to one year.

The Open Science Office has awarded just over **70,000 EURs to 17 projects, across disciplines.**

The application deadline is 14 July 2025, 23:59 (CEST).

In a nutshell

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

To apply, please submit the following documents for the university's internal selection procedure:

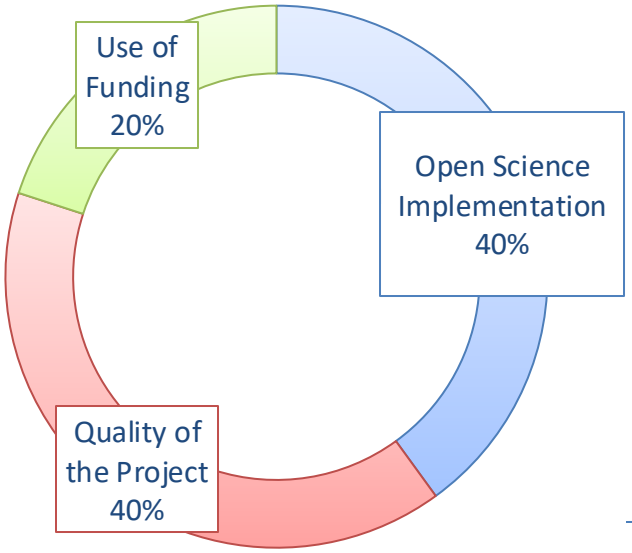
- **Completed application form**
- **Short project description (1–2 pages)**
  - For research projects include e.g., background, hypotheses, research design, references, Data Management Plan.
  - For infrastructure projects include e.g., background, motivation, infrastructure architecture, references
  - For events include e.g., motivation, plan of the event, potential speakers/participants, references.

Evaluation

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Open Science Grants



Quality of Project

Content Quality (background, motivation, etc.)

Implications for theory, practice and society, Quality of writing and presentation.

Open Science Implementation

Open Science Methods/Reflection on the use of Open Science in your project. Contribution to the University of Mannheim as an Open Science stakeholder (where relevant).

Use of Funding

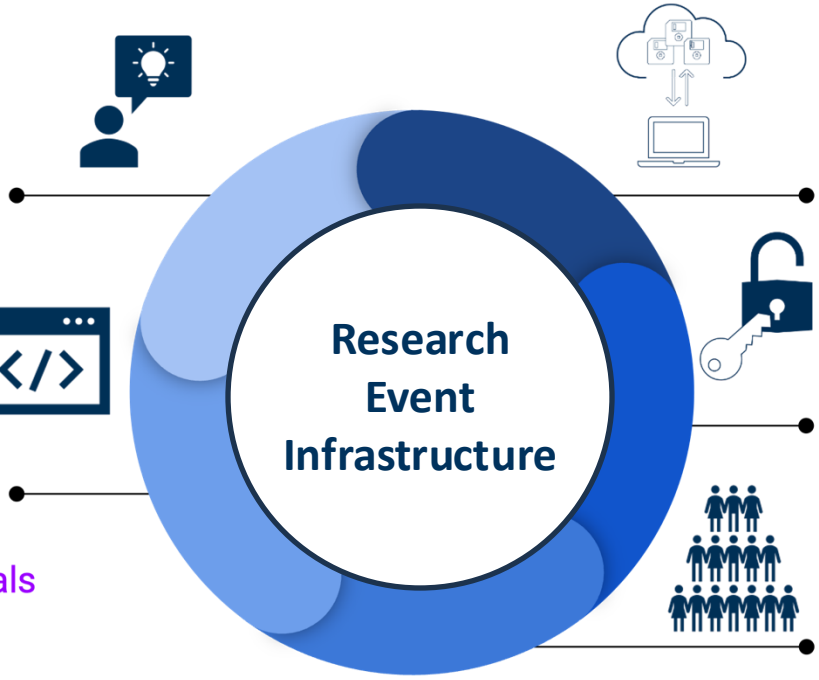
Besides describing your project, the Open Science Grants require you to explain your Open Science implementation!

Open Science Implementation Plan

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

In the application form you will be asked about the implementation of Open Science techniques and overall Open Science approach of the project:



Hypothesis Generation

Pre-registration

Registered Reports

Research Design

Open Materials

Reproducible Code

Sharing

Citizen Science, Science Communication, Knowledge Exchange

Publishing

Open Access

Reproducible Manuscripts

Data (Collection and Analysis)

FAIR Data, Open Data, Open Code

Open Science Implementation Plan - learning from bad examples

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Example	How to Improve?
We will implement various Open Science practices into our project.	**Make it more specific. Which Open Science practices will you implement?**

Open Science Implementation Plan - learning from bad examples

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Example	How to Improve?
We will implement various Open Science practices into our project.	**Make it more specific. Which Open Science practices will you implement?**
To ensure that our data are openly available we will share our data and make it FAIR. We will also preregister our analyses and provide our code .	**It is not clear how.**

Open Science Implementation Plan - learning from bad examples

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Example	How to Improve?
We will implement various Open Science practices into our project.	**Make it more specific. Which Open Science practices will you implement?**
To ensure that our data are openly available we will share our data and make it FAIR. We will also preregister our analyses and provide our code .	**It is not clear how.**
We will preregister our project on the Open Science Framework and put it under an embargo for 4 years.	**How is it connected to your project and why are these practices being implemented.**

Open Science Implementation Plan - learning from bad examples

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Example	How to Improve?
We will implement various Open Science practices into our project.	**Make it more specific. Which Open Science practices will you implement?**
To ensure that our data are openly available we will share our data and make it FAIR. We will also preregister our analyses and provide our code .	**It is not clear how.**
We will preregister our project on the Open Science Framework and put it under an embargo for 4 years.	**How is it connected to your project and why are these practices being implemented.**
Our research data will be collected on Qualtrics which is GDPR compliant and has been approved for use by the Data Protection Office of the University of Mannheim.	**Providing irrelevant information – not related to Open Science.**

Open Science Implementation Plan - learning from bad examples

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Example	How to Improve?
We will implement various Open Science practices into our project.	**Make it more specific. Which Open Science practices will you implement?**
To ensure that our data are openly available we will share our data and make it FAIR. We will also preregister our analyses and provide our code .	**It is not clear how.**
We will preregister our project on the Open Science Framework and put it under an embargo for 4 years.	**How is it connected to your project and why are these practices being implemented.**
Our research data will be collected on Qualtrics which is GDPR compliant and has been approved for use by the Data Protection Office of the University of Mannheim.	**Providing irrelevant information – not related to Open Science.**
We will make our data openly available where possible and if the infrastructure allows it.	**Non-committal statements about implementing Open Science practices.**

Open Science Implementation Plan - What you should do!

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

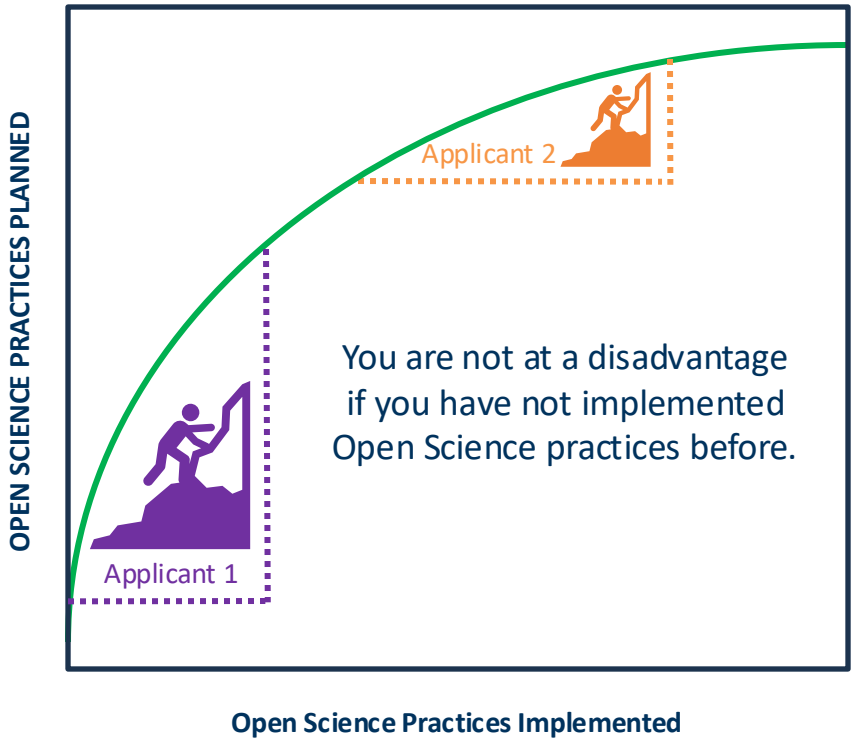
- Identify specific Open Science topics that will be embedded into the project and that are relevant to you – the goal is not to "Open Wash" your research. You don’t have to use all Open Science topics.
- Explanation of why your chosen Open Science topics are important or relevant for the proposed project, provide some context.
- Identify the Open Science activities that you have implemented already (*it is okay to say you have not engaged in any before*) - and point out new ones or your intended advancement of those you have already used.
- Point how you will get the support to implement new Open Science topics (if necessary).

Open Science Implementation Plan

UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Your level of experience with Open Science will not impact your rating on the evaluation criteria, applications are open to all, considering a broad spectrum of experience.



Writing a Proposal

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Define all goals, relevant concepts and outline theories + hypotheses (where relevant) in a comprehensible way!

- Core ideas must be comprehensible for non-specialists
- Reviewers have varied backgrounds.
- Chances of getting funded diminish if proposal is vague

Make clear why your project goals are important:

- Convince reviewers that your project will likely impact future research in the relevant area (see question on anticipated academic or societal impact in application form).

The project should be innovative to some degree at least:

- Theoretical, methodological, or technical innovations
- But avoid complex project setups, simple straightforward ideas are welcomed – and baby steps!

Writing a *Research* Proposal

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

For research projects include e.g., background, hypotheses, research design, references.

Include sufficient background to motivate your research proposal:

- Describe and explain previous research which motivates your project. Make sure you have reviewed the literature thoroughly - don't miss key pieces of research and avoid "under researched topic" as motivation.
- Identify the key areas where your research may, for example, provide new theories or resolve contradictions in previous research, provides necessary methodological advancements, testing existing concepts on new data.

Identify clear hypotheses and/or research questions born out of previous research

Briefly describe your research design so that it is comprehensible to non-experts.

Writing an *Infrastructure* Proposal

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

For infrastructure projects include e.g., background, motivation, infrastructure architecture, references if available

Describe the background motivation for the infrastructure you would like to begin developing:

- What is the context in which the new infrastructure is needed?
- You can also build on existing infrastructure or previous literature, identify the gaps for instance.

What will the infrastructure look like and how will it function to serve the goals of your project.

- How can the infrastructure be used in the end and by whom?

Writing an *Event* Proposal

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

For events include e.g., motivation, plan of the event, potential speakers/participants, references if available:

Describe the background motivation for the event(s):

- What is the context in which the event is needed?
- Who is the targeting audience and how would it help them?

Details of the planned event:

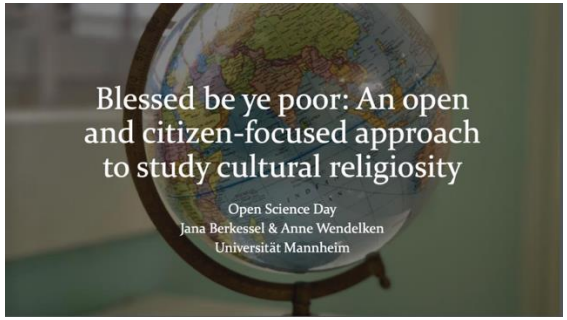
- Topics of the event
- Type of event e.g. talks, workshops, roundtable, public event
- Name of the speaker's institution/affiliation, their expertise, whether they have already been invited and have accepted the invitation.
- Or indicate the envisioned speaker(s) and their background

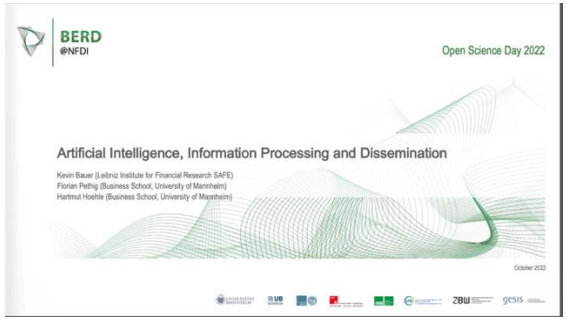
Example Projects

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

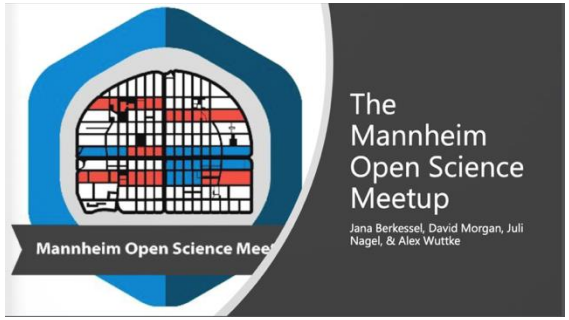
Open Science Office

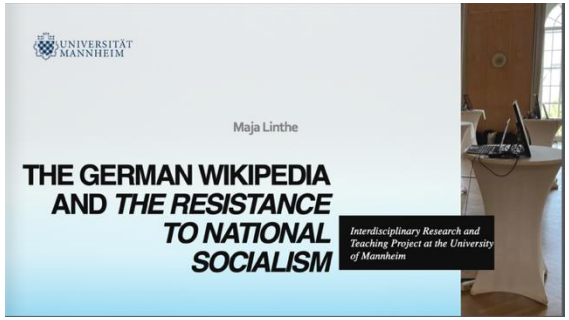
Research Projects



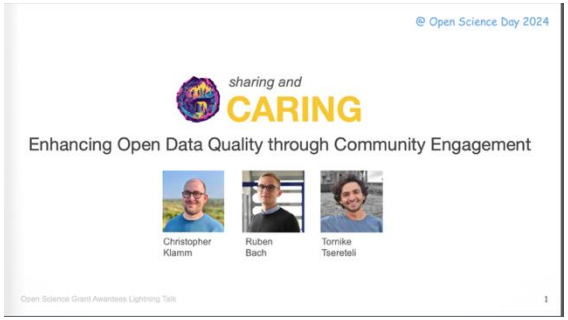


Events





Infrastructure



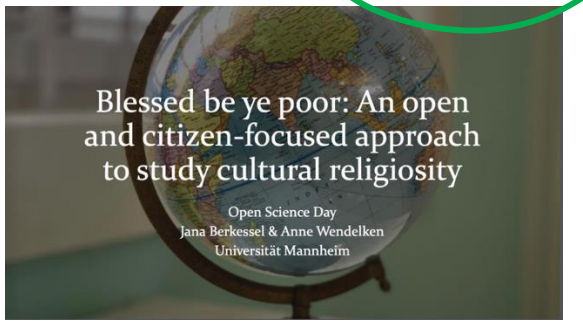
Check out more at Best Practices and Open Science Days 22, 23, 24

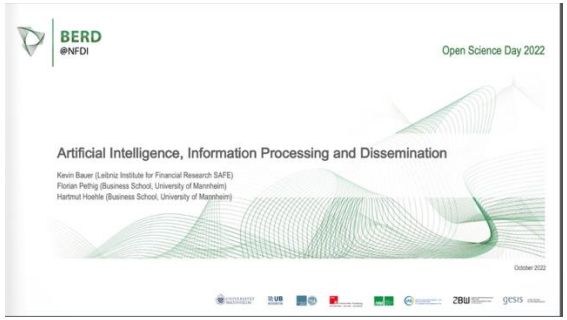
Example Projects

UNIVERSITÄTSBIBLIOTHEK MANNHEIM

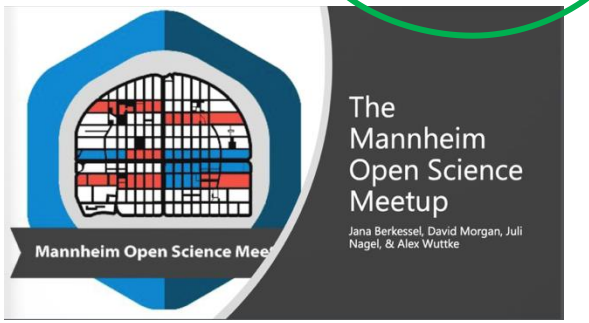
Open Science Office

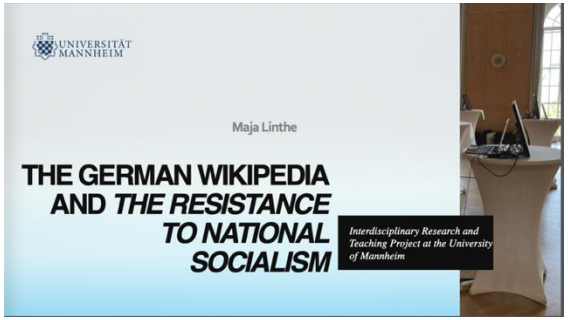
Research Projects



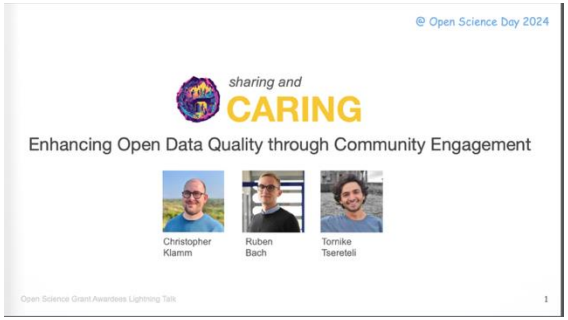


Events





Infrastructure



Applications can also include combinations of the project types.

Funding & Budget Distribution

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Costs that can be applied for include the following:

- Student assistants (not a replacement for PhD/Post-doc position funding)
- Compensation for study participants
- Event related expenses (e.g., Invited Guests, Catering)
- Costs for Conferences

Costs that cannot be applied for:

- Equipment that is not essential for the completion of the project (e.g., computers, laptops, etc.)
- Large technical infrastructure (e.g., servers, HPC, GPUs)
  - **UNIT or your chair may be able to support you with these already.**

In general costs should be connect to needs of your project. For example, explain what the research assistant will be doing.

Project Timeline

UB UNIVERSITÄTSBIBLIOTHEK MANNHEIM

Open Science Office

Should include a starting point and end point for the project and include intermediate milestones that are necessary for the completion of your project.

Milestones are helpful for you to think about how much time you will need for the project. These can be adjusted if needed.

This information can be provided in the Anticipated Duration and Project Timeline section of the application form.

Data Management Plan

UB
UNIVERSITÄTSBIBLIOTHEK
MANNHEIM
Open Science Office

Applications for Research projects (or projects involving the collection or use of data) are required to complete a Data Management Plan on MADataPlan:

- You don’t need to have perfect answers, just answer with what you know and be transparent about things you don’t know yet (e.g. with explorative approaches).
- The Data Management Plan is not counted towards the overall assessment of your project.
- Successful applicants will receive feedback on their data management plans and will be asked to update it accordingly.

Open Science Grants 2025

funded by
Open Science Office

UB
UNIVERSITÄTSBIBLIOTHEK
MANNHEIM
Open Science Office

Thanks for listening, questions?

David Philip Morgan, Open Science Officer
david.morgan@uni-mannheim.de
@DPMorgan@mastadon.world
www.linkedin.com/in/dr-david-philip-morgan-1bb0b4265

Philipp Zumstein, Open Access Representative
philipp.zumstein@uni-mannheim.de
@zuphilip@openbiblio.social