

WRITING A DATA MANAGEMENT FOR A NSF GRANT

TOM HOHENSTEIN

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USING ZOOM

REVIEW THE INTERFACE

- Chat
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ABOUT ME

DATA SERVICES LIBRARIAN

- Work with researchers writing data management plans
- Librarian by training

INTENTIONS



Libraries

TODAY'S TOPICS

- Background
- Review NSF's Guidance
- More NSF Guidance
- Review

BACKGROUND

2 TIDBITS

- 2011 - NSF began requiring a data management plan with all new research proposals
- 2013 - [OSTP \(Office of Science and Technology Policy\)](#) [memo](#) on increasing access to the results of federally funded research

NSF GUIDANCE

YOUR NSF DMP (DATA MANAGEMENT PLAN)

- No more than 2 pages
- Labeled "Data Management Plan"

Your DMP "will conform to NSF policy on the dissemination and sharing of research results." See AAG Chapter VI.D.4

THINGS TO INCLUDE

- Types of data, samples, etc
- Standards used for data and metadata format and content
- Policies for access and sharing
- Provisions for appropriate protection of privacy, confidentiality, intellectual property, or other rights.
- Policies and provisions for re-use, re-distribution, and the production of derivations
- Plans for archiving, preservation, and access to data

A FEW MORE DETAILS

- General NSF guidance applies if no specific guidance is given
- Collaborative proposals and proposals that include subawards should include only one combined DMP
- A valid DMP may include only the statement that no detailed plan is needed, as long as the statement is accompanied by a clear justification
- If your DMP cannot fit within the two page limit you can use part of the 15-page Project Description. However, the 15-page Project Description limit still applies.



AND FINALLY

The DMP will be reviewed as an integral part of the proposal, considered under Intellectual Merit or Broader Impacts or both, as appropriate for the scientific community of relevance.

ADDITIONAL NSF GUIDANCE

MORE NSF GUIDANCE

- Biological Sciences Directorate (BIO)
- Computer & Information Science & Engineering (CISE)
- Education and Human Resources Directorate (EHR)
- Engineering Directorate (ENG)
- Geosciences Directorate (GEO)
- Social, Behavioral and Economic Sciences Directorate (SBE)

EVEN MORE NSF GUIDANCE

Mathematical and Physical Sciences (MPS) Division

- [Division of Astronomical Sciences](#)
- [Division of Chemistry](#)
- [Division of Materials Research](#)
- [Division of Mathematical Sciences](#)
- [Division of Physics](#)



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WAIT, EVEN MORE NSF GUIDANCE :)

The Directorate for Geosciences has also has additional information for its divisions

- Ocean Sciences (example DMP)
- Earth Sciences
- Atmospheric and Geospace Sciences (has form)
- Polar Sciences



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RESOURCES

NSF FAQs

NSF FAQs

NSF

- NSF Dissemination and Sharing of Research Results
- NSF Award and Administration Guide (AAG) Chapter VI.D.4
- NSF Grant Proposal Guide (GPG) Chapter II.C.2.J