PPPL Responses to Public Access requirements

Scientific Publications
Since its inception, PPPL has been required to submit copies of all laboratory produced technical reports to DOE’s Office of Science and Technical Information (OSTI) as part of its contract with the DOE. Thus PPPL has a Publications Office and formal procedure for submitting publication information to the DOE.

Librarian Assistance
• Set up meeting with Scholarly Communications Librarian, Plasma Physics/E-Science Librarian, and PPPL Head of Technology Transfer
• Scholarly Communications Librarian and Plasma Physics/E-Science Librarian provided overview of Open Access and services and support available on campus
• Plasma Physics/E-Science Librarian created list of publisher Open Access policies for core Plasma Physics journals
• Scholarly Communications Librarian continues to advise on questions regarding publisher copyright policies and DOE compliance

PPPL Response
• PPPL Head of Technology Transfer attended DOE training for Public Access Plan compliance
• When Open Access is not provided by publisher within 12 months, full text is submitted to OSTI’s PAGES repository

Scientific Data in Digital Formats
A disciplinary repository for plasma physics or fusion energy data does not currently exist and the DOE does not provide a data repository.

Librarian Assistance
• DMP Consultation – matched to DOE Office of Science suggested elements, worked with Princeton OIT to provide information about Princeton’s DataSpace Institutional Repository
• Worked with PPPL committee members, DataSpace repository architect and programmer to determine ideal metadata and configuration
• Recommended documentation in the form of readme files be deposited with data
• Data management best practices guidelines linked from internal PPPL Author’s information page http://libguides.princeton.edu/rdm

Princeton OIT DataSpace Repository Assistance
• Provided information on use of DataSpace for DMP
• Consulted on use of ARKs, configuration, and metadata
• Set up and configured PPPL DataSpace Community based on consultations with key stakeholders

PPPL Response
• Set up community in DataSpace for data underlying publications
• Each department has its own sub-community and workflow for depositing. Some departmental managers perform the deposit, others leave it to individual researchers
• Linking between data and publications is provided where possible

Conclusions
Princeton University’s DataSpace Repository provided an ideal solution to DOE Public Access data requirements. A core plasma physics journal recently partnered with Zenodo as an option for depositing data underlying publications, however PPPL prefers the DataSpace option.

Librarian consultation and facilitation helped inform the development of the repository community and provide data management best practices. Librarians can also play a key role in helping researchers comply with funder requirements even when local resources aren’t used. Princeton librarians provided information on open access and publisher policies and continue to be a resource for PPPL’s Communications department.

Acknowledgements
Mark Ratliff, Senior Architect, Cloud Infrastructure Services and Digital Repositories and Monika Mevenkamp, Digital Repository Infrastructure Developer, in Princeton’s Office of Information Technology did the hard work of creating the ideal DataSpace community to meet PPPL’s needs.

Yuan Li, Scholarly Communications Librarian provided Open Access consultation to PPPL and reviewed this poster.

Jim Graham, Head of Best Practices at PPPL coordinated PPPL, OIT, and Library collaboration.