7-8-2013

The Purdue University Research Repository (PURR): Providing institutional data services with a virtual research environment, data publication, and archiving

Courtney E. Matthews  
Purdue University, courtneyearlmatthews@gmail.com

Michael Witt  
Purdue University, mwitt@purdue.edu

Follow this and additional works at: http://docs.lib.purdue.edu/lib_fspres

Part of the Archival Science Commons, Collection Development and Management Commons, Scholarly Communication Commons, and the Scholarly Publishing Commons

Recommended Citation
Matthews, Courtney E. and Witt, Michael, "The Purdue University Research Repository (PURR): Providing institutional data services with a virtual research environment, data publication, and archiving" (2013). Libraries Faculty and Staff Presentations. Paper 56.  
http://docs.lib.purdue.edu/lib_fspres/56

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
The Purdue University Research Repository (PURR):

Providing institutional data services with a virtual research environment, data publication, and archiving

Open Repositories 2013
Repository Island, Charlottetown, PEI, Canada

July 8th, 2013

Courtney Matthews
Digital Data Repository Specialist

Michael Witt
Interdisciplinary Research Librarian & PURR Director
AGENDA

1. Institutional collaboration
2. Service & platform
3. Demonstration
Libraries, ITaP, and OVPR initiative

A Purdue research core*

A hubzero hub**

A Libraries institutional repository***

* Purdue Research Cores: http://www.purdue.edu/research/cores/
** HUBzero platform: http://hubzero.org/
*** Purdue e-Pubs: http://docs.lib.purdue.edu/
*** e-Archives: http://e-archives.lib.purdue.edu/
PURR is a *free* online research data collaboration platform and service solution for Purdue faculty, graduates students, and staff.

**Research data** - spreadsheets, images, output from sensors and instruments, transcripts, surveys, software source code and tools, video, and observation logs

**PURR provides:**

- Data management plan (DMP) resources and consultation
- Collaborative research data project space
- Dataset publication with Digital Object Identifier (DOI) *
- Long-term preservation and management

* PURR uses Datacite DOIs. To learn more go to [http://datacite.org/whatisdoi](http://datacite.org/whatisdoi)
DMP REQUIREMENTS

GRANT FUNDING AGENCIES & PRESIDENTIAL DIRECTIVE

National Science Foundation

President’s Office of Science and Technology Policy

NSF DMP Guide - [https://purr.purdue.edu/overview](https://purr.purdue.edu/overview)
OSTP Memo - [http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf](http://www.whitehouse.gov/sites/default/files/microsites/ostp/ostp_public_access_memo_2013.pdf)
SERVICES & SUPPORT
GUIDES, TOOLS

DMP boilerplate text
DMP guides and tutorials
DMP Q & A
  • Storage & pricing
  • Knowledge base
  • Contact Us

See https://purr.purdue.edu/dmp
A **project** is a dedicated working space on PURR for you to collaborate and prepare data for publication and curation for a research project or study.
A **dataset publication** is a collection of files and metadata chosen from a project to be disseminated with a Datacite Digital Object Identifier (DOI).

**Example:** 10.4231/D39P2W550

**Purdue is a member of Datacite**, an international not-for-profit organization that advocates for access to research data on the internet.

Purdue is **one** of **three Datacite DOI** registrars in the United States.

Publishing with **Datacite DOIs** increase your dataset’s:

- ✔ Citation
- ✔ Impact
- ✔ Validation
- ✔ Reuse

PURR uses Datacite DOIs. To learn more go to [http://datacite.org/whatisdoi](http://datacite.org/whatisdoi)
Maintained by the PURR for **10 years**

PURR is seeking ISO 16363 **trusted digital repository** certification

After 10 years they are **selected / deselected** for permanent inclusion in the Libraries collection
720+ grant proposals cite PURR in their DMPs

48 of these grants have been awarded

761 registered users

217 research projects
QUESTIONS

Purdue University Libraries

Courtney Earl Matthews
Digital Data Repository Specialist
Purdue University Research Repository (PURR)

Research Department
Stewart Center, Room G50
504 W. State Street
West Lafayette, IN 47907-2058

Mailing address:
Purdue University Libraries - RSCH
504 W. State Street
West Lafayette, IN 47907-2058

(765) 496-2770
courtneyearlmatthews@purdue.edu

https://purr.purdue.edu