

# Penn State

**1. Name(s) of programs (e.g. Scholars ' Lab ) and URL (s) associated with your DS program:**

Research Informatics and Publishing

<https://libraries.psu.edu/about/departments/research-informatics-and-publishing>

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**2. If you have a mission statement or similar description of your program, please include it here:**

The Department of Research Informatics and Publishing enhances the technology-driven teaching and research capacity of the Penn State community. We partner with students, faculty, and staff to consult, provide training, and support projects in the areas of research data management, digital humanities, mapping, statistical analysis, and open publishing.

Our services are based on the tenets of openness, innovation and technology, collaboration, and supporting the entire research workflow.

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## CONSULTATION

Digital technologies and tools = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)  
Project planning = Offered by other campus unit(s)  
Project management = Offered by other campus unit(s)  
Building databases and archives = Offered by other campus unit(s)  
Class projects/assignments = Offered by Library, Offered by other campus unit(s)  
Copyright, intellectual property = Offered by Library  
Data management plans = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)  
Metadata = Offered by Library  
Locating and selecting data sources = Offered by Library  
Researchers' grant writing = Offered by other campus unit(s)  
Digital publishing and dissemination = Offered by Library  
Digital preservation/curation = Offered by Library

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## EDUCATION/TRAINING

Workshops/bootcamps on tools/software = Offered by Library, Offered by Library + Partner(s)  
Course-related sessions related to digital projects = Offered by Library  
Credit courses on digital scholarship topics = Offered by Library, Offered by Library + Partner(s)  
Certificate programs in digital scholarship or related topic = Offered by other campus unit(s)  
Badging = Offered by Library  
Events, e.g. GIS Day = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)

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## FACILITIES

Training/classroom space = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)  
Consultation space = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)  
Collaborative project space = Offered by Library, Offered by other campus unit(s)  
Computer/data lab = Offered by Library, Offered by other campus unit(s)  
Media production studio = Offered by Library + Partner(s)  
Visualization studio = Offered by other campus unit(s)  
Makerspace = Offered by Library + Partner(s)  
VR/AR studio = Offered by Library + Partner(s)  
AI lab = Offered by other campus unit(s)  
Data science lab = Offered by Library

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## INFRASTRUCTURE/ENTERPRISE SERVICES

Digital preservation = Offered by Library  
Large-scale data storage = Offered by other campus unit(s)  
Digital publishing services = Offered by Library  
Repositories = Offered by Library  
Programming, writing APIs = Offered by Library, Offered by other campus unit(s)  
Computational processing of data = Offered by other campus unit(s)  
Software licensing = Offered by Library, Offered by Library + Partner(s), Offered by other campus unit(s)  
Virtual computing = Offered by other campus unit(s)  
Security = Offered by other campus unit(s)

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### 3. What would you like to offer next?

Competitive interdisciplinary consultation services -- i.e. grad students, postdocs or other submit an application to receive some number of hours of collaborative consultation from all of our digital scholarship experts together.

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### 4. What type of staff are employed by your program? Check all that apply.

Librarians, archivists, library staff  
Data scientists/analysts  
Graduate students  
Undergraduate students

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**5. What constituencies are served by your program? Check all that apply**

Faculty  
Postdocs  
Graduate students  
Undergraduate students  
Community members  
Local high school students  
Individuals external to the university and local community

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**6. What disciplines are served by your program? Check all that apply**

Humanities  
Arts  
Social sciences  
STEM (science, technology, engineering, math)  
Professional (health sciences, law, business, etc.)

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**7. Please provide pointers to additional materials that may be helpful in understanding the structure and work of your program (journal articles, book chapters, web pages, reports, etc.)**

LaLonde, T. and N.B. Piekielek. (2018). Planning for change: a maps and geospatial information services survey. *Issues in Science and Technology Librarianship*, 90, summer.

Fish, C., & Piekielek, N.B. (2016). Targeting disciplines for GIS outreach using bibliometrics. *Journal of Map & Geography Libraries*, 12(3): 228-280.

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