

How we help researchers navigate data

Mara Blake, Manager of Data Services
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JHU DATA SERVICES




Roadmap

- About Data Services
- Areas of our services
- Types of services
- Data Services during the COVID-19 pandemic
- Current projects
- Questions







JHU DATA SERVICES

We help


FACULTY
RESEARCHERS
STUDENTS

*find
use
visualize
manage
share*

data

FIND OUT
MORE

GOTO dataservices.library.jhu.edu
EMAIL dataservices@jhu.edu
VISIT us at MSEL A-level



JOHNS HOPKINS
LIBRARIES

Data Services


A Brief History
of Data Services

2011

- **Data Management Services** launched within the **Entrepreneurial Library Program**
- Gov. Pubs/Maps/Law Library becomes **GIS & Data Services**

2016

- DMS and GIS merges under the **Data Management Directorate**, becoming **JHU Data Services**



JOHNS HOPKINS
LIBRARIES
Data Services

Among the first academic library research data services in the U.S., with the broadest range of services

Our team

Data Management Consultants



Dave Fearon



Chen Chiu



Bonni Wittstadt



Reina Murray



Laurel Poolman



Marley Kalt



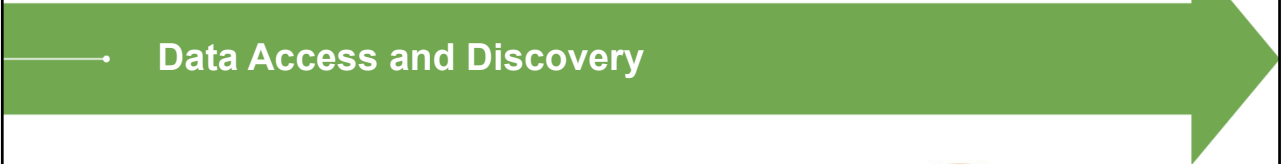
Betsy Gunia

GIS/Map Staff




Mara Blake
Data Services
Manager





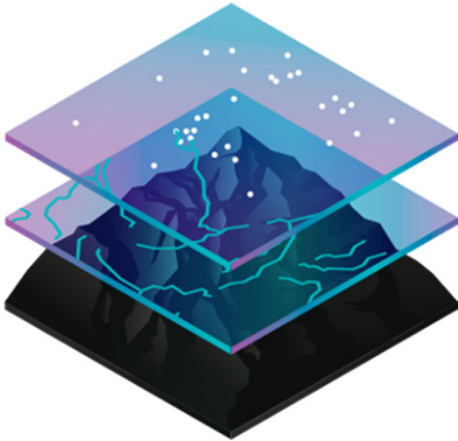
Data Access and Discovery

- Strategies for finding openly available data from many sources
- Access to data licensed to JHU
- Working with colleagues across the library to acquire data and provide access



FIND


• GIS and Maps




- Finding and importing geospatial data
- Accessing and using GIS software
- Print and digital map collection

• Data Management, Archiving, and Sharing


- Data management planning & best practices
- Supporting compliance with funder and publisher data sharing requirements
- Guidance on preparing data for online access, operating the **JHU Data Archive**
- Specializations such as human subject data



MANAGE



SHARE



DATA

•


Computational Research and Coding

Workshop	Sessions	Attendance
Introduction to R	18	308
Data Cleaning in R	6	104
Manipulating Data in R	4	68
Data Visualization in R	6	109
Introduction to Python	3	57
Total	37	646

• Develop skills for data cleaning, wrangling, etc.

• Open source focused


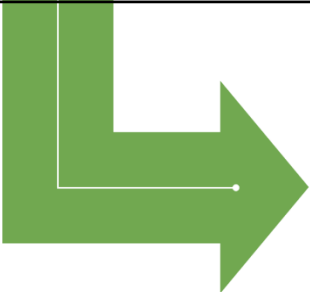
• Planning other offerings based on user feedback



USE


Computational research workshops offered since 2018

TYPES OF SERVICES



Consultations


- 1-1 meetings with researchers, students, administrative staff.
- Consultations with research groups or labs
- FY20 consultation to date: **1036**


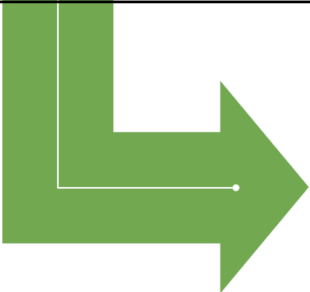


Workshops and Trainings

- Open workshops offered on Homewood, East Baltimore, online
- By request to groups / classes
- Partnership with research integrity/compliance series


Workshops FY20	Sessions	Attendance
Data Management	25	583
GIS & Geospatial	19	211
Data Manipulation & Visualization	25	272
Total	69	1066





Archiving and Sharing

- Johns Hopkins Data Archive
 - Data curation workflow
 - Screen for privacy risk
- Guidance on repository selection and deposit preparations
- Referrals for JHU collaborative sharing resources
 - Examples: JHU's SAFE Desktop
 - JHU Enterprise GitHub






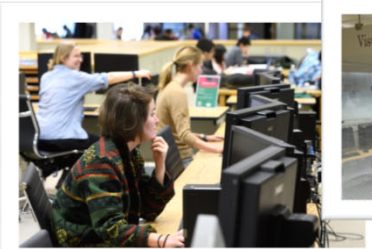
Tools and Spaces

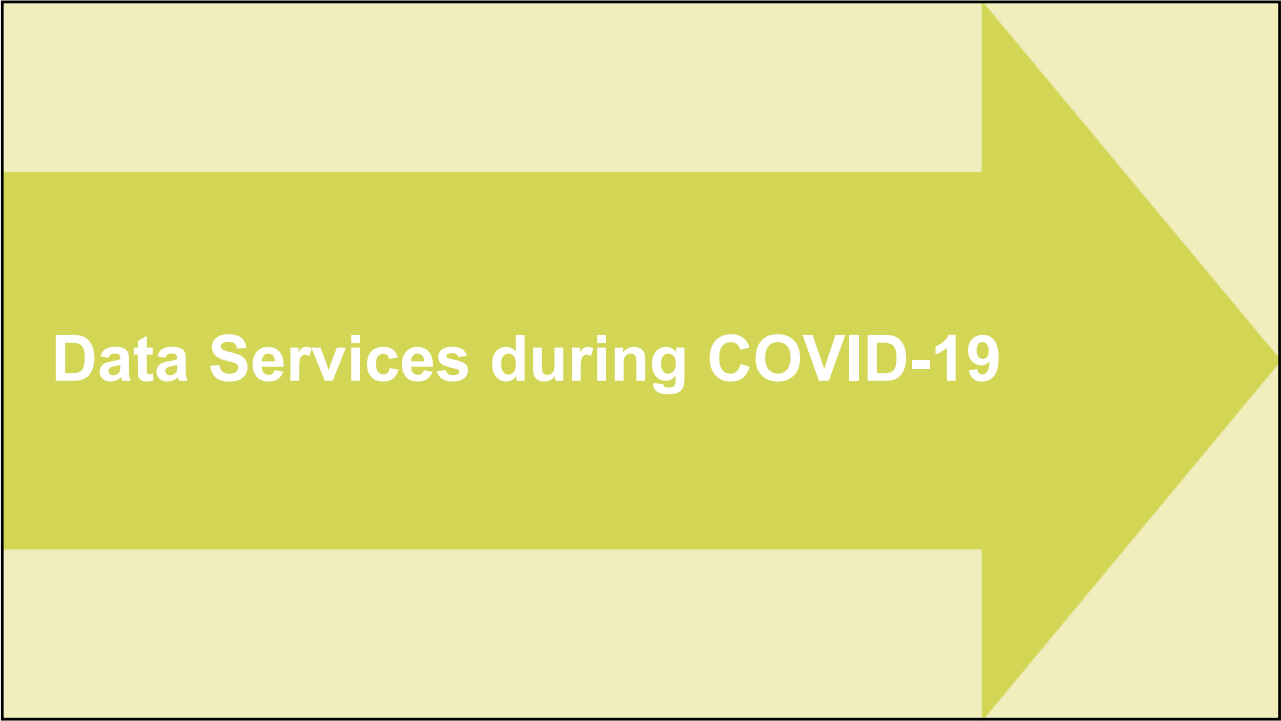
Software and Tools

- ESRI site license
- OSF membership
- DMPTool

Specialized Spaces

- Computer Lab
- Restricted Data Room
- Visualization Studio



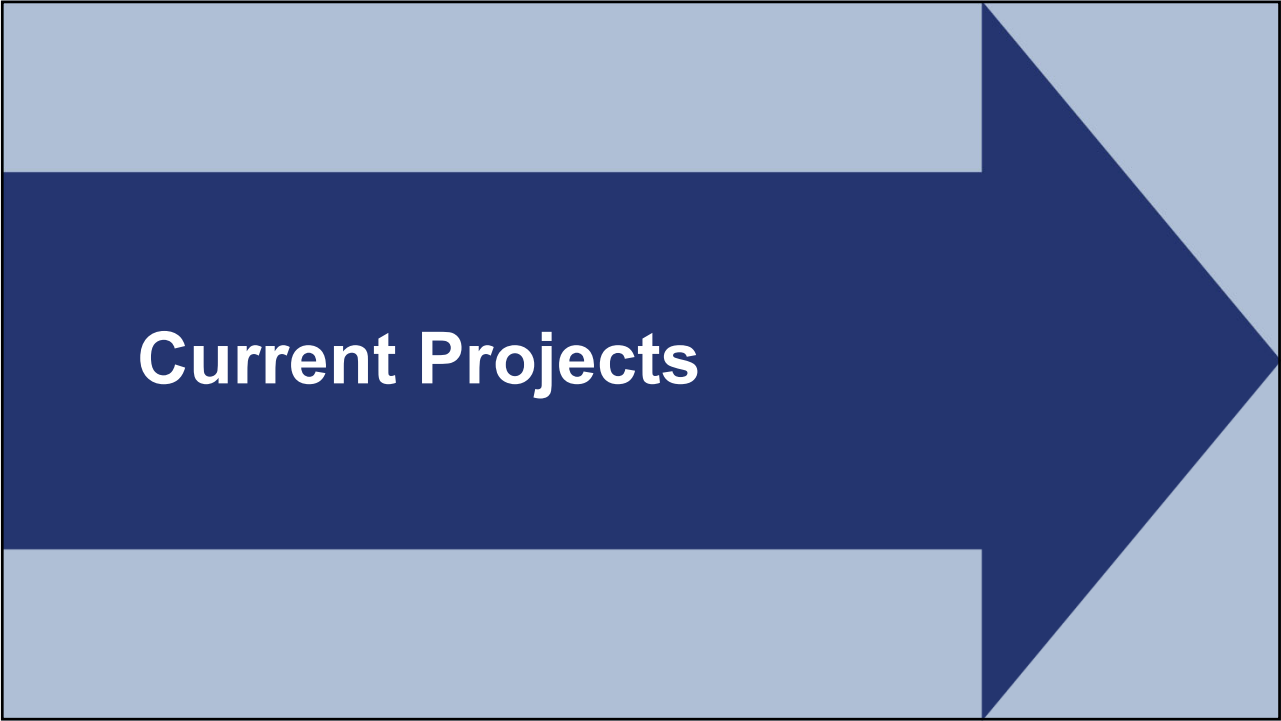


COVID-19 Maps and Dashboards

- CSSE Global Map
 - With colleagues from DRCC, APL, ESRI
 - Dashboard views: 2.3 billion
 - Requests on dashboard data: 147.7 billion
- US Map
- CovidControl Map

Data Archiving

- 11 new deposits since March 15; 8 more in progress
- COVID-19 data archiving
- Pilot project for licensed data



Data Curation Network

Community-led networked approach to data curation

- 12 partners, 34 curators
- Model for curation
- Educational offerings and primers

Website: datacurationnetwork.org

The logo for the Data Curation Network. It features a central gear with the text "DATA CURATION NETWORK" inside. Surrounding the gear are 34 small portrait photos of the network's members, connected to the central gear by lines.


The logo for the Alfred P. Sloan Foundation, featuring a circular seal with a book and the text "ALFRED P. SLOAN FOUNDATION".



JHU Geoportal:
Search and discovery
for maps/geospatial
data

Collaboration with
colleagues across
Sheridan and external

Documentation and Reproducible Research



Webinar and online module offerings:

- Documentation for research data and code module
- Reproducible research with R and Python workshop
- Writing a DMP with the DMPTool webinar

