

University of Colorado Boulder

1. Name(s) of programs (e.g. Scholars' Lab) and URL(s) associated with your DS program: Center for Research Data and Digital Scholarship (CRDDS) : <https://www.colorado.edu/crdds/>

2. If you have a mission statement or similar description of your program, please include it here: Established in 2017, the Center for Research Data and Digital Scholarship is a partnership between Research Computing and the University Libraries. We are a collaborative team of data and information professionals, scholars, and educators with expertise in data-intensive scholarship and teaching. Our goal is to serve as an interdisciplinary hub and resource on campus that empowers everyone as they navigate the Research Lifecycle, through workshops and seminars, certificate programs, and collaborative opportunities.

CONSULTATION

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

Other (please specify the activity and who offers it):

Statistical consultation offered by the Laboratory for Statistical Analysis (LISA), also through CRDDS

EDUCATION/TRAINING

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

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

INFRASTRUCTURE/ENTERPRISE SERVICES

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

Other (please specify the activity and who offers it):

Cloud Enablement and Secure Cloud Computing offered by Research Computing

3. What would you like to offer next?

We would like to:

- * Enhance and expand usage of services and infrastructure for open research publishing, especially in light of the White House OSTP memo
- * Put support for statistical analysis on firmer footing through working with our partners in LISA
- * Regularly offer our graduate student data bootcamp microcredentialed course and extend it to broader audiences, and develop other such microcredentialed courses, e.g., in HPC
- * As a DARIAH cooperating partner, increase our visibility to international DH community
- * Develop integrated IRB processes with campus partners to support researchers effectively in working with highly confidential/high impact data
- * Put the campus Research Cybersecurity Program on solid footing and achieve CMMC compliance
- * Develop undergraduate programs in data humanities with campus partners

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

Librarians, archivists, library staff
Information technologists, including programmers
Multimedia professionals
Instructional technologists
Data scientists/analysts
Graduate students
Other: Our librarians are faculty

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

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.)

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.)

Center web site: <https://www.colorado.edu/crdds/>
Conference proceeding:
<https://dl.acm.org/doi/abs/10.1145/3491418.3535165>
