

2018 Digital Scholarship Campus Survey: Data Gathering Instrument

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** Authors are listed in alphabetical order; each contributed to creating
this survey questionnaire equally. **



University of Colorado
Boulder

Participant Information

Survey of Digital Scholarship at CU Boulder

The information you provide in this survey will assist the CU Boulder University Libraries and [Center for Research Data & Digital Scholarship](#) (CRDDS) in developing trainings, education, and outreach efforts for campus scholars who are interested and/or involved in any scholarly activity that makes use of digital research methods, data, media, and technologies in their research and teaching, i.e. digital scholarship. This includes but is not limited to digital humanities, computational social sciences, and data science.

Thank you for participating!

We look forward to better supporting members of our scholarly community with their digital scholarship.

Please submit your survey by Sunday, April 22, 2018.

If you have any questions about the survey, or technical problems while completing it, please contact Fran Costa at [303/492-8633](tel:3034928633) or frances.costa@colorado.edu.

Please click *NEXT* at the bottom of this page to begin the survey.

What is your primary CU Boulder affiliation?

- ☐ 1 Faculty
- ☐ 2 Graduate Student
- ☐ 3 Postdoctoral Scholar

☐ 4 ☐ Other:

Doing Digital Scholarship

Please tell us which digital research methods you have previously used or currently used in your research and/or teaching.

- ☐ 3D Printing /Scanning / Modeling
 - ☐ Audio & Visual Production and Design
 - ☐ Database Design
 - ☐ Data / Information Visualization
 - ☐ Data Mining
 - ☐ Digital Research Workflows (e.g. managing citations with Zotero, documenting with GitHub)
 - ☐ Digital Scholarly Editions / Text Encoding
 - ☐ Geospatial Analysis (GIS, mapping)
 - ☐ Image / Audio / Media Analysis
 - ☐ Network Analysis (e.g. social media networks)
 - ☐ Programming / Coding / Mark-up languages
 - ☐ Qualitative Data Analysis (e.g. interview data)
 - ☐ Statistical Analysis
 - ☐ Text Mining
 - ☐ Virtual Reality and Simulation
 - ☐ Web Publishing and Digital Storytelling (includes Electronic Literature)
 - ☐ Web Scraping
 - ☐ Other:
 - ☐ I have not used and currently do not use any digital research methods.
-

You selected the following digital scholarship methods. What is your skill level?

	<div>1</div> Beginner	<div>2</div> Intermediate	<div>3</div> Advanced
3D Printing / Scanning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Audio & Visual Production & Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Database Design	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data / Information Visualization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Data Mining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital Research Workflows	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Digital Scholarly Editions / Text Encoding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geospatial Analysis (e.g. GIS, mapping)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Image / Audio / Media Analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Network Analysis (e.g. social media networks)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Programming / Coding / Markup Languages	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Qualitative Data Analysis (QDA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Statistical Analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Text Mining	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Virtual Reality and Simulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Web Publishing and Digital Storytelling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Web Scraping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which of these digital research methods are you interested in learning more about?

- ☐ 3D Printing / Scanning / Modeling
 - ☐ Audio & Visual Production and Design
 - ☐ Database Design
 - ☐ Data / Information Visualization
 - ☐ Data Mining
 - ☐ Digital Research Workflows (e.g. managing citations with Zotero, documenting with GitHub)
 - ☐ Digital Scholarly Editions / Text Encoding
 - ☐ Geospatial Analysis (e.g. GIS, mapping)
 - ☐ Image / Audio / Media Analysis
 - ☐ Network Analysis (e.g. social media networks)
 - ☐ Programming / Coding / Markup Languages
 - ☐ Qualitative Data Analysis (e.g. interview data)
 - ☐ Statistical Analysis
 - ☐ Text Mining
 - ☐ Virtual Reality and Simulation
 - ☐ Web Publishing and Digital Storytelling (includes Electronic Literature)
 - ☐ Web Scraping
 - ☐ Other:
-

Which of these 3D printing/scanning/modeling tools would you like to learn more about?

- ☐ [3ds Max](#)
- ☐ [3DF Zephyr](#) (photogrammetry)
- ☐ [Agisoft](#) (photogrammetry)
- ☐ [SketchUp](#)

- ☐ [Tinkercad](#)
- ☐ Other:
- ☐ I'm not sure, but I am interested in general methodologies.
-

Which of the following Audio and Visual production and design tools would you like to learn more about?

- ☐ [Adobe After Effects](#)
- ☐ [Adobe Illustrator](#)
- ☐ [Adobe Photoshop](#)
- ☐ [Adobe InDesign](#)
- ☐ [Audacity](#)
- ☐ [Avid Media Composer](#)
- ☐ [Final Cut Pro](#)
- ☐ [GarageBand](#)
- ☐ [iMovie](#)
- ☐ Other:
- ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these database tools would you like to learn more about?

- ☐ [MySQL](#)
- ☐ [Excel](#)
- ☐ [Google Sheets](#)
- ☐ Other:
- ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Data / Information Visualization tools would you like to learn more about?

- ☐ [D3.js](#)
 - ☐ [Excel](#)
 - ☐ [Google Charts](#)
 - ☐ [Plotly](#)
 - ☐ [RAWGraphs](#)
 - ☐ [Tableau](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of the following Data Mining tools would you like to learn more about?

- ☐ [Knime](#)
 - ☐ [Orange](#)
 - ☐ [Weka](#)
 - ☐ [RapidMiner](#)
 - ☐ [R](#)
 - ☐ [Python](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Digital Scholarly Editions / Text Encoding tools would you like to learn more about?

- ☐ [Oxygen XML](#) tools
- ☐ [TEI \(Text Encoding Initiative\)](#)

☐ Other:

☐ I'm not sure, but I am interested in general methodologies.

Which of these Digital Research Workflow tools would you like to learn more about?

☐ [GitHub](#)

☐ [Hypothes.is](#)

☐ [Mendeley](#)

☐ [OpenRefine](#)

☐ [Open Science Framework \(OSF\)](#)

☐ [Trello](#)

☐ [Tropy](#)

☐ [Zotero](#)

☐ Other:

☐ I'm not sure, but I am interested in general methodologies.

Which of these Geospatial Analysis tools would you like to learn more about?

☐ [ArcGIS](#)

☐ [Carto](#)

☐ [Google Earth Pro](#)

☐ [Leaflet](#)

☐ [Palladio](#)

☐ [QGIS](#)

☐ R spatial analysis packages (e.g. tmap, ggmap)

☐ Other:

☐ I'm not sure, but I am interested in general methodologies.

Which of these Image / Audio / Media Analysis tools would you like to learn more about?

☐ [Cinemetrics](#)

☐ [Image J](#)

☐ [NVivo](#)

☐ Other:

☐ I'm not sure, but I am interested in general methodologies.

Which of these Network Analysis tools would you like to learn more about?

☐ [Cytoscape](#)

☐ [Gephi](#)

☐ [nodegoat](#)

☐ [NodeXL](#) (for Excel)

☐ [Pajek](#)

☐ [Palladio](#)

☐ [VOSviewer](#)

☐ Other:

☐ I'm not sure, but I am interested in general methodologies.

Which of these Programming / Coding / Markup Languages and tools would you like to learn more about?

☐ [GitHub](#)

☐ [HTML and CSS](#)

- ☐ [Javascript](#)
 - ☐ [JSON](#)
 - ☐ [Perl / Markdown](#)
 - ☐ [Python](#)
 - ☐ [R](#)
 - ☐ [Regular Expressions \(regex\)](#)
 - ☐ [SQL](#)
 - ☐ [XML / XSLT](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Qualitative Data Analysis software would you like to learn more about?

- ☐ [Atlas.ti](#)
 - ☐ [Dedoose](#)
 - ☐ [MaxQDA](#)
 - ☐ [NVivo](#)
 - ☐ [QDAMiner](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of the following Statistical Analysis tools would you like to learn more about?

- ☐ [JMP](#)
- ☐ [MATLAB](#)
- ☐ [Mathematica \(Wolfram\)](#)
- ☐ [PSPP](#)

- ☐ [SAS](#)
 - ☐ [SPSS \(IBM\)](#)
 - ☐ [STATA](#)
 - ☐ [R](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Text Mining tools would you like to learn more about?

- ☐ [AntConc](#)
 - ☐ [DataBasic](#)
 - ☐ [IBM Watson Analytics](#)
 - ☐ [Juxta Commons](#)
 - ☐ [Lexos](#)
 - ☐ [MALLET](#)
 - ☐ [Orange](#)
 - ☐ [Python](#)
 - ☐ [R](#)
 - ☐ [Sketch Engine](#)
 - ☐ [Voyant Tools](#)
 - ☐ [WordStat](#)
 - ☐ [WordSeer](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Virtual Reality and Simulation tools would you like to learn more about?

- ☐ [3DF Zephyr](#)

- ☐ [Agisoft PhotoScan](#)
 - ☐ [NetLogo](#)
 - ☐ [Story Spheres](#) (and other 360 degree image tools)
 - ☐ [Unity](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of these Web Publishing and Digital Storytelling tools would you like to learn more about? This includes tools for Electronic Literature creation.

- ☐ [ArcGIS Storymaps](#)
 - ☐ [Drupal](#)
 - ☐ [GitHub Pages](#)
 - ☐ [Inform](#)
 - ☐ [Jekyll](#)
 - ☐ [Knight Lab](#) tools (TimelineJS, StoryMapJS, SoundciteJS, JuxtaposeJS)
 - ☐ [Neatline](#)
 - ☐ [Omeka](#)
 - ☐ [Scalar](#)
 - ☐ [Twine](#)
 - ☐ [Wordpress](#)
 - ☐ [Wikipedia](#)
 - ☐ Other:
 - ☐ I'm not sure, but I am interested in general methodologies.
-

Which of the following Web Scraping tools would you like to learn more about?

- ☐ [Import.io](#)
- ☐ [OpenRefine](#)
- ☐ [Mozdeh](#)
- ☐ [Beautiful Soup \(Python\)](#)
- ☐ [Twython \(Python\)](#)
- ☐ [Webometric Analyst](#)
- ☐ [Web Scraper \(Google Chrome\)](#)
- ☐ [Wget](#)
- ☐ Other:
- ☐ I'm not sure, but I am interested in general methodologies.

Resources and Best Practices

What resources and assistance, if available, would be beneficial to your exploration or creation of digital scholarship? 'Not applicable' was coded '0'

	<div>1</div> Not important	<div>2</div> Somewhat important	<div>3</div> Important	<div>4</div> Very important
Data preparation, cleaning, wrangling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding and curating data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Finding collaborators	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning new methods and choosing appropriate tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning command line interface and language	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not important	Somewhat important	Important	Very important

	Not important	Somewhat important	Important	Very important
Managing content (storage, file naming, file sharing, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Managing projects (bench-marking, iterating, managing collaborators, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identifying funding opportunities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Refining project scope	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Developing, designing, and/or maintaining a project website	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not important	Somewhat important	Important	Very important
Finding affordable web hosting services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identifying and using cloud computing services (e.g. AWS)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increasing impact and recognition for open and/or digital scholarship	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

On which of the following topics related to your research and publication work-flows would you be interested in sharing and learning best practices?

	¹ Not interested	² Somewhat interested	³ Interested	⁴ Very interested
Copyright, Fair Use, Creative Commons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not interested	Somewhat interested	Interested	Very interested
Research Data Management (retention, use/reuse, publication)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impact Metrics, including Altmetrics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Metadata Creation and Standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not interested	Somewhat interested	Interested	Very interested
Open Access (publishing, self-archiving in repositories)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Online Professional Profiles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other: <input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Training format

Which of the following formats would be beneficial training opportunities for you?

	¹ Not beneficial	² Somewhat beneficial	³ Most beneficial
Single, stand-alone workshops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Workshop series	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Webinars	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Web-based tutorials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seminars and speaker series	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Not beneficial	Somewhat beneficial	Most beneficial
Office hours for on-demand assistance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not beneficial	Somewhat beneficial	Most beneficial
Open workshopping hours	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
One-on-one appointments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Monthly informal meet-ups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conferences (e.g. THATCamp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Curricular integration (e.g. labs or single class session)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Traditional credit-bearing courses (3 credits)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Not beneficial	Somewhat beneficial	Most beneficial
Short credit-bearing courses (0.5-1 credits)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Certificate programs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Fellowships and graduate assistantships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<input type="text"/>			

Defining Digital Scholarship

All of the digital research methods covered in this survey are considered forms of *Digital Scholarship*.

How do you define *Digital Scholarship*?

Digital Scholarship is generally defined as an extension of traditional research and pedagogical methods, whereby scholars leverage new technologies and digital data and/or media in order to explore and answer questions in new and different ways that previously wouldn't be possible.

Approaches to *Digital Scholarship* may be computational in nature (such as text and data mining, geospatial analysis, information visualization, social network analysis) or they can be multimodal explorations and presentations (such as digital storytelling, e-literature, digital exhibits). In essence, *Digital Scholarship* results in new forms of collaboration and publications, and new methods for visualizing and analyzing data. Some may refer to this as digital humanities, computational social science, data science, research data management, and/or e-science.

Before taking this survey, how familiar were you with the term *Digital Scholarship*?

- ☐ 1 Unfamiliar
 - ☐ 2 Somewhat familiar
 - ☐ 3 Very familiar
-

To what extent do you consider yourself engaged in Digital Scholarship?

- ☐ 1 Not at all
- ☐ 2 Some engagement
- ☐ 3 Engaged (integral to my work)

Contact

Are you interested in partnering with us? (e.g. assist researchers on a method/tool, offer trainings or talks)

- ☐ 1 Yes
- ☐ 2 Maybe
- ☐ 3 Not at this time
-

Is there anything else you would like to share with us?

Thank you for your time in answering this survey. May we contact you with follow-up questions?

- ☐ 1 Yes
- ☐ 2 No
-

Please share your contact information so that we can get in touch.

Name

Email

Phone Number

