

Digital Scholarship Fundamentals Workshops

Sponsored by the [University Libraries](#) and
the [Department of Library and Information Science](#)

Location: Mullen Library Instruction Room

R.S.V.P. for all workshops: Kevin Gunn, gunn@cua.edu

Getting Started

Starting a Digital Scholarship Project

Tue., Sept. 10, 12:30pm - 2:00pm

Planning your project is becoming a critical skill in contemporary research. Are you a student or a faculty member interested in beginning your project or you would like to discuss how digital scholarship methods can help with your research and teaching? Come with all your questions as we walk through the process of getting started (e.g. formulating the right research question, locating and selecting data/tools/ methodologies, method for analysis, project and data management issues, and grant writing tips). **Instructor: Kevin Gunn, Coordinator of Digital Scholarship**

Developing Your Digital Profile

Wed., Sept. 25, 2:00pm - 3:30pm

Promoting your scholarly presence online can be an arduous task. You're not alone! With such diverse platforms as Google Scholar, Humanities Commons, Academia.edu, LinkedIn, ResearchGate, ORCID, institutional repositories and more, the options for online promotion can be daunting. This workshop will discuss the best ways to build your scholarly digital profile and the advantages and disadvantages of each platform. **Instructor: Kevin Gunn, Coordinator of Digital Scholarship**

Data Visualization

Data Visualization Basics

Tue., Oct. 1, 12:30pm - 2:00pm

Have you wondered when you should use a pie chart (almost never), a scatter plot, or a heat graph? Before working on how to best present your project through data visualization, understanding the basic principles of visual perception, design and representing data, and communicating your research to an audience, is essential. We will examine some visualization methods and how best to apply them to different kinds of data. **Instructors: Julie Loy, Research and Instruction Librarian; Kevin Gunn, Coordinator of Digital Scholarship.**

Working with Tableau

Thur., Oct. 17, 12:30pm - 2:00pm

Learn the basics of Tableau Public (free service) to create interactive visualizations of your data. This workshop will focus on the structure of the program and the terminology used. We will have a sample data visualization and mapping project. **Instructor: TBA**

Working with Giphy Images

Thur., Oct. 31, 12:30pm - 1:30pm

A brief hands-on workshop on how to create animated GIFs using GIPHY CAM. Attendees will learn helpful tips and tricks, then create their own animation using photos and found items. The session will conclude with a brief "film festival" where everyone will see what their colleagues have created. **Instructor: Lea Wade, STEM Librarian.**

Mapping and GIS

ArcGIS Basics

Wed., Oct. 9, 1:30pm - 2:00pm

Learn all about Geographical Information Systems by acquiring an understanding of the fundamentals of mapping and spatial analysis using ArcGIS. **Instructor: TBA**

ArcGIS with StoryMaps

Tue., Nov. 13, 12:30pm - 2:00pm

Come celebrate GIS Day by telling an interesting story using ArcGIS StoryMaps. Combine your map with narrative text, images, and multimedia content. We will create Story Map Tour and a Story Map Journal. **Instructor: Kevin Gunn, Coordinator of Digital Scholarship**

Data Management

Organizing and Documenting Your Data

Mon., Oct. 21, 1:30pm – 3:00pm

Managing, organizing, and documenting your data is an increasing concern for researchers. This workshop is an overview of research data management basics, including using data management plans; following proper guidelines for naming and organizing data, folders, and files; organizing, storing, and backing up your files; and documenting your data using README files, codebooks, and data dictionaries. This workshop will provide you with techniques in managing your data (and time!) better. **Instructor: Kevin Gunn, Coordinator of Digital Scholarship**

Data Transformation

Using OpenRefine for Manipulating Data

Tue., Nov. 5, 12:30pm - 2:00pm

When working with *your* dataset, have you wondered how to remove 'null' or 'N/A' from fields, handle different spellings of words, or determining whether a field name is ambiguous? For this workshop, we will use the open access software, OpenRefine, to clean, manipulate, and refine a dataset before analysis. You are welcome to bring your own dataset. **Instructor: Kevin Gunn, Coordinator of Digital Scholarship**

OpenRefine: Regular Expressions & APIs

Thur., Nov. 21, 12:30pm - 2:00pm

Building on the previous OpenRefine workshop, we will work with regular expressions and construct a script from scratch and run some basic recipes for solving common problems. We will construct a simple API call to search our data. **Instructor: TBA**