

Spring 2020 Savvy Researcher Workshops

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Data Discovery and Management

Choosing Qualitative Data Analysis Software

- Qualitative Data Analysis (QDA) software offers tools for engaging with data for your qualitative or mixed-methods research project, but many tools are time-consuming to learn, expensive, or both. In this workshop, we'll work through a series of decisions you'll need to make as you decide whether to use QDA software and choose one that is the best fit for your research process and approach to coding and analysis. By the end of the workshop, we expect you'll be able to: (1) Describe the factors that influence the choice to use QDA software and to choose a software that fits your research needs. (2) Use these factors and an understanding of your research process to decide which software will best fit your needs.

Coding Qualitative Data (for free) with Taguette

- Many full-featured (and expensive!) qualitative data analysis (QDA) software programs are overkill for exploratory analysis or when you're on a deadline. In this workshop, we'll walk through setting up a project in the open source QDA software Taguette. By the end of the workshop, we expect you'll be able to: (1) Install Taguette or access the web-based version of the program. (2) Import textual qualitative data into Taguette. (3) Code your data using Taguette. (4) Export your coded data and codebook for further analysis.

Data Documentation

- Hands on workshop provides participants with experience writing and using various types of documentation. Goals: Understand elements of good documentation, evaluate an example, and apply knowledge.

Data Sharing

- This workshop will cover the basic steps of research data sharing & publication. Goals: Understand why researchers share their data, evaluate discipline relevant repositories, apply knowledge to depositing own data.

Finding and Using U.S. Census Data (including 2020 data)

- U.S. Census data can be difficult to find due to the Census Bureau's idiosyncratic vocabulary and data structure. Learn how to navigate Census datasets and how to use several interfaces to search for and download data.

Finding Data about Residential Real Estate

- If your research requires residential property data, the Library can help. There is some free government data available, but you can also get data about other property characteristics, like sales price, property characteristics (building material, garage size, etc...). You can also get a

variety of different geographical levels, from the US as a whole to individual parcels. Join us to find out what your options are and how to obtain the data you need.

Finding Social Science Data

- You can find useful data for research all over the Internet, from government sites to data repositories to association websites. Join us to learn about some of the major online sources of social science data in order to identify data that can be used in your project.

Introduction to Data Management

- Participants will learn the benefits of best practices for managing research data. Goals: Identify elements of data management, realize importance, develop organizational strategies, and create own data documentation.

Messy Data? Clean it up with OpenRefine!

- Join us for a workshop which introduces OpenRefine, a free, open source tool used to organize, clean up, and transform your data. We will provide an overview of the browser based application, as well as use cases that show the benefits of working with your data in OpenRefine, and demonstrate the basic functions to get you started on cleaning up your data.
<http://researchdataservice.illinois.edu/>
<http://openrefine.org/> <https://guides.library.illinois.edu/openrefine>
- Instructor: Patricia Lampron, Metadata Services Specialist
- Date: Tuesday, February 4, 2 - 3:30 p.m., Main Library, room 314

Starting Your Qualitative Research in Nvivo

- NVivo is a popular tool for analyzing qualitative data. In this workshop, we'll work through the process of setting up a research project in NVivo. By the end of the workshop, we expect you'll be able to: (1) Import your qualitative data into NVivo. (2) Describe the coding tools in NVivo and decide how to apply the tools to your project. (3) Use Nvivo's query tools to explore your data and relationships among codes. (4) Create memos to document and support your analysis.

Digital Humanities

Creating Accessible Documents in Word Processing and Presentation Software

- Accessibility is often associated with web content in HTML, but other common document types support adaptive technology. In this hands-on workshop participants will learn how to make common word processing documents accessible for screen readers, and how to make presentation documents accessible for a range of users. We'll work with Adobe PDFs, MS Word and PowerPoint, and in Google Docs and Slides, and will discuss strategies for accessibility in pedagogy and scholarly communications.

Creating Quick and Easy Interactive Maps with StoryMap JS

- Interactive maps can offer a compelling platform for digital storytelling. In this workshop, participants will work on a model project that integrates historical contexts with basic GIS. Minimal technical know-how is required - just internet access and an idea. We'll brainstorm about how this project can be adapted for pedagogy, training, and outreach in various contexts. The end result is a fun project that offers scholars and students a chance to explore hands-on digital scholarship. Participants will learn:
 - How to build an interactive map using StoryMap JS
 - Principles of minimal computing for digital projects
 - Strategies for using interactive maps for outreach and pedagogy

Developing Interactive Timelines

- Digital projects have the potential to be valuable tools for research, outreach, and pedagogy. But it's often hard to know where to start to create a project that's scalable and sustainable for your situation. In this workshop, participants will team up to work on a model project that integrates historical contexts with data and information literacy principles, and that requires minimal technical know-how. We'll brainstorm ideas for how this project can be adapted for pedagogy, training, and outreach in various contexts. The end result is a fun, collaborative project that can enrich outreach efforts for a variety of projects, and offers scholars and students a chance to explore hands-on digital scholarship. Participants will learn:
 - How to build an interactive timeline using Timeline JS
 - Principles of minimal computing for digital projects
 - Strategies for using interactive timelines for outreach and pedagogy

Making Searchable PDFs Using OCR

- Searchable PDFs can make research faster and easier and making them is easy when you use optical character recognition (OCR) software. This workshop demonstrates the basic uses of OCR software and gives an overview of OCR software available in the Scholarly Commons. As a result of this workshop, you will be able to identify which OCR software is suitable for your needs and understand how to use the central features of two OCR software.
<https://guides.library.illinois.edu/OCR>

Text Mining Principles and Resources

- This workshop provides an introduction to text mining concepts, and introduces some basic tools for getting started with text analysis. Participants will: gain an understanding of what text mining is and what it is good (and not good) for, learn about different types of text analysis, work with open source text mining tools, and learn about additional resources.
<https://guides.library.illinois.edu/textmining>

General Research Skills

Choosing a Citation Manager

- Are you having trouble organizing all your sources but don't know where to start? This hands-on workshop will introduce you to three popular citation managers—Mendeley, Zotero, and Endnote. We will go over pros and cons of each one and give you a preview of how they work to help you choose the best fit for your citation needs.
<https://guides.library.illinois.edu/citationmanagers>

Creating Your Citations with Mendeley

- Are you overwhelmed by organizing your sources? Mendeley is a free citation manager that helps you store and organize your files and insert formatted citations into papers. You will leave this hands-on workshop with a Mendeley library set up and ready to use!
<http://guides.library.illinois.edu/mendeley>

Creating Your Citations with Zotero

- Are you overwhelmed by organizing your sources? Zotero is a free, open source citation manager that helps you store and organize your files and insert formatted citations into papers. You will leave this hands-on workshop with a Zotero library set up and ready to use!
<http://guides.library.illinois.edu/zotero>

Designing Infographics on the Web

- Infographics can be used to enhance your research, presentations, and classroom materials. This hands-on workshop will go over a couple of free web resources, such as Canva and Piktochart, and best practices for creating your own infographics. You're welcome (and encouraged) to bring a project you are currently working on! <http://guides.library.illinois.edu/infographics>

Drowning in Citations and PDFs? EndNote Can Help!

- Learn how to use EndNote, a citation management software program, to keep track and organize citations and cite while you write your papers. Heavily used by researchers across campus, EndNote is available for Macs and PCs and can be purchased from the U of I Webstore [<http://webstore.illinois.edu/home/> for \$95]. We often hear graduate students say that they wish they had implemented a citation management strategy at the beginning of their academic careers - don't let this happen to you! Please note that this introductory session is geared towards those who are new to EndNote. If you already own EndNote, check out our EndNote support site for helpful tips and information: [<http://uiuc.libguides.com/endnote>]. You are welcome to bring your laptop, with EndNote installed, to the class session for hands-on practice.

Enriching Your Research with Multimedia

- Are you curious about how to incorporate that interesting podcast you listened to into your research project? Using multimedia can enhance the scholarly research you've done when presenting through writing or slides. This hands-on workshop will go over finding, using, and citing multimedia such as images, podcasts, videos, and infographics. You're welcome (and encouraged) to bring a project you are currently working on!
<https://guides.library.illinois.edu/multimedia>

Fine-tuning Your Research with Scopus!

- This session provides insight and strategies for getting the most out of Scopus; the largest abstract and citation database of peer-reviewed literature including scientific journals, books, and conference proceedings. This session will highlight how to find literature about a particular topic, tracking citations, author information, and evaluating sources. Other features and strategies will also be covered. Audience: Undergraduate or graduate students in any field but particularly STEM fields.

Google for Academic Research

- Curious about how you can use Google for more than just restaurant reviews? Learn how to navigate Google's search functions in this hands-on workshop. We'll go over Google, Google Scholar and Google Images to discover how they can be used in your research.
<http://guides.library.illinois.edu/google>

Introduction to Impact Factor and Other Research Metrics

- You're writing your first article and you aren't sure which journals to submit it to, or you are in a tenure-track position and you'll need to include an author-level metric in your dossier. In this workshop, we will learn how to distinguish between numerous metrics, including impact factor, h-index, and altmetrics and we'll get hands-on practice using some of the research metric tools.
<http://guides.library.illinois.edu/impact>

Introduction to Research at the Library LEVEL I

- New to our University? Need a refresher on using library resources? This hands-on workshop will go through the basics of using the library catalog and electronic resources. Come with questions if you have them! <http://guides.library.illinois.edu/researchstrategies>

Introduction to Research at the Library LEVEL II

- Frustrated with not getting the search results you're looking for in databases searches? This hands-on workshop will go over using database-specific subject terms and introduce citation chasing in order to get more targeted search results. You do not need to have taken the Level I class in order to attend this workshop. Come with questions if you have them!
<http://guides.library.illinois.edu/researchplan>

Managing Your Work Habits

- Are you struggling with how to manage all your projects and tasks? This interactive workshop will go over tools and strategies to help you refine your work habits. We will focus on optimizing tools you already use, like email and calendars, so that you can better organize in a way that makes sense for you. Come with questions if you have any! Online support for this lesson:
<https://guides.library.illinois.edu/workhabits>

Research and Documentation tools

- Learn how to start a research paper. Collect and organize ideas and data. Gain a working knowledge of the need to create a system to name files, organize and manage the collected data, and learn a strategy to relieve writing anxiety.

Web of Science for Research

- This session provides insight and strategies for getting the most out of Web of Science; a platform of multiple abstract databases that include articles, books, and conference proceedings across every discipline. This session will highlight how to find literature about a particular topic, finding full-text, tracking citations, and searching by grant number. Other features and strategies will also be covered.

Which review is right for you?

- This workshop will briefly introduce the different review types and when they should be used. Review types discussed will include systematic, scoping, narrative, mapping, and more. Attendees will get a good idea of which review type works best for their research question.

GIS

ArcGIS for Research I

- Not sure what GIS is or how it is used? This first workshop of the GIS for Research series will start you down the path to use geospatial technologies in your research by guiding you through the foundational concepts of GIS and how to think spatially. We will introduce different types of GIS software to discover geospatial data and learn about key concepts like vector vs. raster data, scale, and projections. We will also discuss resources available across campus and the web to help you utilize GIS for your research.

ArcGIS for Research II

- The second GIS for Research workshop will help you build a solid foundation for framing your research to utilize GIS to its full potential. We will dive deeper into GIS software to uncover tools to help organize, manage, and visualize your data. This workshop will be mostly hands-on with GIS software.

Sharing Research Using Story Maps

- Could a map enhance how you communicate your research to diverse audiences? Maps are becoming more accessible to the general public through the use of online mapping applications such as ArcGIS Online and Google Maps. This workshop will explore different examples of story maps and get you started creating your own.

Scholarly Communication

Author's Rights: Retaining the Rights Important to You

- As scholars and researchers, we all create work in which we hold the copyright. When we publish that work, we often are asked to assign that copyright to the publisher. In some cases, this may mean you may lose the right to reuse your work or to make it available to colleagues or on the web. In this workshop, you will learn what rights you hold, how to read copyright transfer and license agreements, and how to approach retaining the rights most important to you.

Copyright for Educators

- Are you planning your courses and curious about how copyright rules affect your teaching in class, on the course webpage, and beyond? Then this workshop is for you. Topics discussed in the workshop include, copyright basics, fair use, e-learning and copyright, and teaching and copyright.

Creating Digital Exhibits with Omeka.net

- Do you have materials that you want to showcase online, but don't know how? The Omeka family of online exhibit software supports digital exhibitions with minimal technical know-how required. In this workshop, we'll use Omeka.net to introduce participants to digital exhibits. Whether you have a research project, collections of materials, or another type of project that can be showcased in an exhibit, the Omeka suite can work for you. Participants will learn:
 - How to plan for a digital exhibit including lo-fi prototyping
 - How to design an exhibit, and describe and upload materials
 - Strategies for using digital exhibits for outreach and pedagogy

Digital Publishing with Scalar

- Scalar (<http://scalar.usc.edu>) is a dynamic web-based platform that allows users to build interactive, multi-media exhibits and publications. This 1.5 hour long workshop will give an introduction to building a Scalar book and provide in-depth strategies and resources to assist students and faculty with the technical, structural, editorial, and design decisions vital to Scalar projects. You will learn how to upload text, images, and videos into Scalar; build pages in Scalar; connect Scalar paths to create a Scalar book; and generate visualizations in Scalar. All levels of experience are welcome! <https://guides.library.illinois.edu/scalar>

Dissertation to Book: Basics of the Revision and Publishing Process

- Alison Syring, Assistant Acquisitions Editor, will provide general information about how to approach publishing a scholarly book, including tips for turning a dissertation into a book, selecting a press, approaching an editor, submitting an effective proposal, and navigating peer review.

Illinois Experts: Exploring Your Faculty Profile

- Illinois Experts is the online showcase for cutting-edge research and scholarship at Illinois. With over 2,300 faculty profiles and 150,000 publication records auto-populated from the Scopus citation and abstract database, Illinois Experts is a powerful tool for potential research sponsors, industry partners, and scholars from around the world to discover research expertise and collaborators at Illinois. Join us for a session on Illinois Experts to learn about your faculty profile and how to personalize it (with a photo, research interest statement, and more) and connect visitors to your other personally maintained web and social media profiles; fine-tune your unique research Fingerprint to optimize your discovery potential on the Experts portal; create and/or connect your ORCID researcher ID and quickly populate your ORCID page with data from Experts; and discover potential campus collaborators for your own research projects. We'll also take a look at how other researchers, news media, research support personnel, and others use Illinois Experts to connect with and highlight the work of Illinois faculty.

Open Textbooks: Rights, Resources, & Reasons

- Are you interested in implementing Open Educational Resources (OERs) for your classes, but don't know where to start (or if it's even worth the trouble)? This workshop will introduce you to the importance of OERs, the rights and licenses that you need to know in order to use or create an OER, and how to find one that will suit your needs. It will also confirm that it is indeed worth the effort (and that they really aren't that much trouble).

Understanding University Presses

- In order to get published, you need to find a publisher. But how do you find the right one? James Engelhardt, Acquisitions Editor at the University of Illinois Press, will give an overview of the University Press ecosystem and provide helpful hints about finding the right publisher, submitting proposals, dealing with editors, and more.

Using the Work of Others without Permission: Putting Fair Use to Work for You!

- This interactive workshop will provide you with information about the basics of copyright law, your fair use rights, and how to exercise those rights. Join Copyright Librarian, Sara Benson, for a fun and interactive way to learn how to legally build on the work of others to explore the arts, sciences, and beyond.

Sharing Your Research

Add Captions to Kaltura Video with Automatic Speech Recognition

- Automatic captioning is now available in our Kaltura campus media service (mediaspace.illinois.edu). Using automatic speech recognition, captions can be created in minutes and then edited online. This new tool will make your content legally compliant and more useable and findable by everyone. Come to this workshop for a soup-to-nuts demonstration of the captioning process.

Create online visual materials with CANVA

- Looking for an easy-to-use online design tool for promotional and scholarly products that doesn't require artistic talent or a background in design? Then CANVA is for you. CANVA provides millions of free templates, photos, and design elements to create professional looking designs, including slideshows that can be used in academic presentations.

How to make Wikipedia edits that stick

- Millions read articles in Wikipedia (WP) every day, and anyone who cares about a topic can contribute to improve quality. The experience most people have editing WP is, first, they make an edit (which might violate the encyclopedia's policies), their edit is erased by other editors within 24 hours, and the new editor becomes discouraged and gives up. Taking time to understand WP's culture and the history of an article and to follow up on one's work will make it more likely that edits persist. In addition to basic WP policies, this workshop will focus on how to read the version history and community talk pages of WP articles, in order to introduce participants, would-be editors, to the culture of Wikipedians.

Poster Presentation and Design

- Are you presenting at a conference this year? Need to design a poster for your class? This workshop will give you tools for communicating your research for academic conferences and professional meetings in a concise and visually effective poster presentation. This event is co-sponsored by Scholarly Commons and the Writers Workshop.

ResearchGate, Google Scholar and Other Academic Social Networks: Curating Your Profile for Impact

- ResearchGate, Google Scholar, Academia.edu, ORCID, Mendeley, SSRN, Amazon Author Page, IDEALS, and Illinois Experts are just some of the online scholarly collaboration networks you might be trying to manage. Many researchers and students are now leveraging some or all of these and other platforms to share their work, thereby increasing the impact and visibility of their scholarship. Learn more about how to effectively use researcher profile systems and scholarly communications networks to develop and manage your online scholarly presence. <http://guides.library.illinois.edu/onlinepresence>

Share Your Video Online with Kaltura

- Kaltura (mediaspace.illinois.edu) is a YouTube-like service that makes it easy to record micro-lectures, have your students submit video assignments, or publish your job talk to the Web. All U of I people can post and share videos, and you can use it to promote your research, for teaching, or outreach. You can upload videos you've already made, or record directly online, and edit your videos online, too. We will cover what you need to know to get started publishing with Kaltura, and follow up with consultation for your specific projects.

The Power of Presentation: Enhancing your Slides for Teaching and Engagement

- Throughout your life you will, almost certainly, give presentations. We've all sat through presentations that were boring, confusing, and drab. How do you communicate your message most succinctly? What visuals will captivate and inform your audience the best? Is it only about your slide design or are there other techniques that leave a lasting impression? In this session we distill the magic that just might take your next presentation from bland to grand.
<http://go.illinois.edu/presentation>

Miscellaneous

A Library for Everyone: Getting the Most Out of Your Library

- Get a deeper understanding of the types of resources available for the functionally diverse including brief discussions of assistive technology in the library, regulating library anxiety through mindfulness, and the variety of resources that are available for all students, staff, and faculty who learn differently. This an introduction to resources rather than an in-depth tutorial on any one technology. Technologies and services discussed will include Kurzweil, screenreaders, HathiTrust, and respite rooms.

Latin American and Caribbean Research Workshop

- This workshop will introduce the different resources to study and research Latin America and the Caribbean (LA&C) at the University Library and beyond. After a brief introduction to the collection and services, we will review all the major databases that support LA&C research, including utilizing the different library catalogs, general and area specific databases to find secondary literature, contemporary and historical primary sources, and more. We will discuss other major open access databases and discuss the state of academic publishing in the area. The remaining time will be devoted to hands on research.

Research and Instruction at the Rare Book & Manuscript Library

- The Rare Book & Manuscript Library holds about 500,000 volumes and 5,000 linear sq.ft. of archival material. This large collection of primary source material is readily accessible to all interested visitors. This workshop will provide first-hand experience with the variety of ways in which a patron can engage with materials at the RBML – including individual research, classroom instruction, and opportunities for collaboration.