THE SAVVY RESEARCHER

With over 60 different titles taught each semester, join us for workshops on a wide variety of advanced research and information management topics. Our workshops are taught by subject liaison librarians, campus partners, and graduate students in our iSchool program.

Workshop topics include general research skills (including citation management, literature reviews, and much more), data discovery and management, digital humanities, geographic information systems (GIS), scholarly communication (including copyright, author's rights, creating online profiles), sharing your research (including poster presentation and design), and lots more. We add new workshops every semester — if you have suggestions or feedback, please reach out to us.

You can view the schedule for the semester on our Savvy Researcher calendar.

Workshops can be requested for graduate student study groups, faculty meetings, departmental events, etc. Take a look at our lineup for Spring 2022!

Workshops for the Spring 2022 semester will be taught in varying formats depending on the topic, synchronous session will be held in Main Library 314 and online sessions will use Zoom. In order to attend online workshops, you will need a NetID assigned to you from UIUC and you will need to login to your Zoom account to "activate" it.

You may also request workshops for courses, graduate student study groups, and departmental events, etc. Workshop requests are limited to sessions that will include at least five people. You can review a list of the Spring 2022 workshops including the descriptions below. If you have questions, please contact savvyresearcher@library.illinois.edu.

ALL WORKSHOPS ARE SPONSORED BY THE GRADUATE COLLEGE AND RESEARCH AND INFORMATION SERVICES AND THE SCHOLARLY COMMONS, UNIVERSITY LIBRARY.

Contents

Spring 2022 Savvy Researcher Workshops

Data Discovery and Management

Data Documentation

- This hands on workshop will give you experience using various types of documentation and discuss strategies for writing documentation. Bring a dataset you'd like to work with if you have one. Goals: Understand elements of good documentation, evaluate an example, and apply knowledge.
- By Request Only

Free Tools for Qualitative Data Analysis

- No NVivo? No problem! Join us for a look at three free tools for qualitative data analysis: Taguette, QualCoder, and spreadsheet software. We'll discuss what features are available in each tool and how they can help you implement qualitative data analysis strategies that help you answer your research questions. Learning Outcomes - By the end of the workshop, we expect you'll be able to: Access the web version of Taguette, upload text files, highlight and code text, and export coded data (if you'd like to use Taguette during the workshop, please create an account on their website). Describe the features of QualCoder in order to assess its utility for your research. Create a spreadsheet that structures qualitative data and describe how the structure of the spreadsheet can be used to answer qualitative research questions. This workshop will be offered in a hybrid format. You may attend in-person in Library 314 or via Zoom. The registration form asks you to indicate which format you plan to attend, but you may choose whatever format works best for you on the date of the workshop. The workshop will not be recorded, but you can find a previous recording of this workshop on the Qualitative Data Analysis guide.

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.
- By Request Only

Planning Qualitative Data Analysis

- There are many tools and strategies for qualitative data analysis, but which approach you take depends on your research question and methodology. In this interactive workshop, we'll talk though the specifics of your research project, with a focus on what you need to find out about your data in order to answer your research questions. From there, we'll discuss potential

analysis strategies and the types of tools and features that may support your work. Learning Outcomes By the end of the workshop, we expect you'll be able to: Analyze your research project to articulate your goals for your qualitative data analysis Use your goals and methodological approach to identify relevant qualitative data analysis strategies Decide what qualitative data analysis (including CAQDAS software) are needed for your research plan.

Qualitative Data Analysis with Atlas.ti

- Atlas.ti is a popular tool for qualitative data analysis (and one of the tools available on the Scholarly Commons computers). In this workshop, we'll discuss Atlas.ti's features and capabilities so you can decide how you might use it to answer your own qualitative research questions. If you'd like to try out Atlas.ti during the workshop, you can also get a trial version from the company. Please note, however, that the version I'll be using to demonstrate the software is not the most recent version available. The features, however, are generally named the same, and you should still be able to follow along. Learning Outcomes By the end of the workshop, we expect you'll be able to: Upload text and media data to an Atlas.ti Create codes in NVivo and apply them to quotations in text and video files. Retrieve and review coded data using Atlas.ti's analysis features. This workshop will be offered in a hybrid format. You may attend in-person in Library 314 or via Zoom. The registration form asks you to indicate which format you plan to attend, but you may choose whatever format works best for you on the date of the workshop. The workshop will not be recorded, but you can find a previous recording of this workshop on the Qualitative Data Analysis guide.

Qualitative Data Analysis with MAXQDA

- MAXQDA is a popular tool for qualitative data analysis. In this workshop, we'll discuss MAXQDA's features and capabilities so you can decide how you might use it to answer your own qualitative research questions. If you'd like to try out MAXQDA during the workshop, you can also get a trial version from the company. Please note, however, that the version I'll be using to demonstrate the software is not the most recent version available. The features, however, are generally named the same, and you should still be able to follow along. Learning Outcomes By the end of the workshop, we expect you'll be able to: Upload text and media data to MAXQDA Create codes in MAXQDA and apply them to text and media files Retrieve and review coded data using MAXQDA analysis features.   This workshop will be offered in a hybrid format. You may attend in-person in Library 314 or via Zoom. The registration form asks you to indicate which format you plan to attend, but you may choose whatever format works best for you on the date of the workshop. The workshop will not be recorded, but you can find a previous recording of this workshop on the Qualitative Data Analysis guide.

Qualitative Data Analysis with Nvivo

- NVivo is a popular tool for qualitative data analysis (and one of the tools available on the Scholarly Commons computers). In this workshop, we'll discuss NVivo's features and capabilities

so you can decide how you might use it to answer your own qualitative research questions.   If you'd like to try out NVivo during the workshop, you can also get a trial version from QSR. Please note, however, that the version I'll be using to demonstrate the software is not the most recent version available from the company. The features, however, are generally named the same thing, and you should still be able to follow along. Learning Outcomes - By the end of the workshop, we expect you'll be able to: Upload text and media data to an NVivo file Create codes or nodes in NVivo and use them to code text and media data Retrieve and review coded data using NVivo's analysis features. This workshop will be offered in a hybrid format. You may attend in-person in Library 314 or via Zoom. The registration form asks you to indicate which format you plan to attend, but you may choose whatever format works best for you on the date of the workshop. The workshop will not be recorded, but you can find a previous recording of this workshop on the Qualitative Data Analysis guide.

REDCap I: Introduction to Illinois REDCap

- In this workshop, you will learn the basics of Illinois REDCap and how it can be used for the collection of research data, including how to create projects, instruments, and surveys and how to start collecting research data. It is recommended (but not required) that you have a REDCap account prior to attending the workshop. Information about accessing Illinois REDCap is available here: https://healthinstitute.illinois.edu/redcap. No prior REDCap experience is necessary.

REDCap II: Advanced Abilities of Illinois REDCap

- This Illinois REDCap workshop will focus on advanced ways Illinois REDCap can be used to collect research data, including how to build or edit projects with a Data Dictionary, collecting data with repeatable instruments, and collecting longitudinal data with defined events. It is recommended (but not required) that you have a REDCap account prior to attending the workshop. Information about accessing Illinois REDCap is available here: https://healthinstitute.illinois.edu/redcap. Attending the "Introduction to Illinois REDCap" or having a working knowledge of REDCap is recommended before attending this workshop.

Digital Humanities

Introduction to Optical Character Recognition (OCR) and Searchable PDFs

- Optical Character Recognition (OCR) transforms images with text such as scans of historical documents, book chapters, or even a handout from your class into machine readable and searchable data. OCR opens up a realm of possibilities for research and accessibility. This workshop demonstrates the basic uses of OCR software and gives an overview of OCR software available in the Scholarly Commons, and you will get an opportunity to try both ABBYY FineReader and Adobe Acrobat. As a result of this workshop, you will be able to identify which OCR software is suitable for your needs and have an understanding of the OCR process.

Introduction to Text Data Mining

- Text data mining (TDM) is the computational and statistical analysis of large corpora of texts. In this beginner-level workshop, participants will get an introduction to the general principles of TDM, and learn about a few of the many tools and methods for quantitative analysis of text data, including word frequency, topic modeling, and sentiment analysis. No prior experience in TDM is necessary.

Where to Find Millions of Books, and How to Read Them

- The HathiTrust Digital Library is the world's largest, holding nearly 17.5 million digitized volumes from research libraries around the world. The HathiTrust Research Center, co-located here at UIUC and at Indiana University, is the research gateway to that enormous, near-universal library. This talk will briefly introduce the Center's text and data mining tools, which allow researchers to computationally analyze the millions of volumes of text held in the HathiTrust Digital Library.

General Research Skills (RIS)

Choosing a Citation Manager

- Are you having trouble organizing all of 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 struggling to keep track of all your sources? Looking for an easier way to cite as you write? Mendeley is a free citation manager that helps you organize your citations, store and annotate 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 a very effective way to convey small bits of information very quickly, while drawing viewers in because of their visual appeal. In this workshop students will learn about best practices for creating infographics, as well as what to avoid. Additionally, they will be introduced to several free online tools that allow users to create their own infographics, including: Piktochart, Infogr.am, and Visme. The session will end with a practice activity where participants are encouraged to use the webtool of their choice. http://guides.library.illinois.edu/infographics

Doing a Literature Review
- This workshop provides an overview of the literature review and its place in a research project, thesis, dissertation, or publication and demonstrates some strategies and resources for finding the information you need.
- By Request Only

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 (Endnote on Webstore for $110). 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).

Fine-tuning Your Research with Scopus!

- This session will give you insight and strategies for getting the most out of Scopus; the largest interdisciplinary database of peer-reviewed literature including journals, books, and conference proceedings, particularly in the sciences. This session will highlight how to find literature about a particular topic, reviewing author details, using article citations to discover more information, and evaluating sources. Attendees will have time to ask individuals questions at the end. Audience: Undergraduate or graduate students in any field.

Getting the Most Out of Google Scholar

- Google Scholar is an incredibly popular and useful tool for research with several features that scholars may not be familiar with. This workshop will elaborate on the difference between searching in Google Scholar and academic databases, demonstrate how to use Google Scholar's Advanced Search, explain how to get to connect your library access to Google Scholar, and cover

some of the other more sophisticated features Google Scholar offers to support your research. We will also discuss some of the privacy concerns related to Google and how you can mediate them. http://guides.library.illinois.edu/google

Introduction to Impact Factor and Other Research Metrics

- An overview of some of the most common research metrics, including Impact Factor, h-index, and altmetrics. Learn about where these metrics are located (with attention to Journal Citation Reports, Web of Science, and Scopus) and how to search for them. Includes hands-on (in-person) or guided (Zoom) practice time. http://guides.library.illinois.edu/impact

Introduction to Research at the Library LEVEL I

- New to the university? Or 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

Introduction to Web of Science

- Web of Science is the widest-scoping, multidisciplinary platform of abstract databases for full-text articles, books, and conference proceedings. This session provides insight and strategies for getting the most use out of the platform. We will highlight how to search for literature and authors, as well as where to find citation tracking data and grant information. Additional features and strategies covered include: the advanced search builder, refining and managing search results, analyzing citations, and unpacking item records.

Search Algorithms, Internet Privacy, and You

- Ever wonder why you got a different search result from a friend, even though you used the same search terms? Are you interested in protecting your privacy online, but don't know where to start? This hands-on workshop goes over the basics of how search engines organize results and how to protect your data while browsing online.

Using Multimedia in Your Research

- 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

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.
- By Request Only

Work Habits to Manage Your Time and Stress

- With the many responsibilities that go along with being a student and/or employee, it can be difficult to keep everything organized. Organization of our tasks and projects can assist with getting things done in a timely manner and may help reduce stress by providing more time for activities outside of work and school. In this workshop, we will review several key areas of organization for students and researchers and present tips and tools for revising your own work habits. We will also include time for discussion and reflection on the work habits that work best for you. https://guides.library.illinois.edu/workhabits

Zotero Drop-In Hours

- Have specific questions about using the citation manager Zotero? This drop-in hour is designed to get you one-on-one help with your specific questions about using Zotero. http://guides.library.illinois.edu/zotero

GIS

ArcGIS Online: GIS For Everyone

- This workshop introduces GIS through an easy to understand and practical tool using only a web browser. ArcGIS Online is a cloud-based mapping and analysis solution, which can be used to create stylish, fully interactive maps or web map applications. This workshop can help you understand ArcGIS Online basic web map design, research data visualization, sharing maps and creating Apps. Prior to attending this workshop, students will need to sign up for an ArcGIS Online account at the WebStore: https://webstore.illinois.edu/shop/product.aspx?zpid=3871

Sharing Story Using StoryMaps

- Story Maps combine your data with narrative text, images, and multimedia content to create user-friendly web apps. It is a very user-friendly product, and you can publish a story map without writing any code. This workshop will explore different examples of story maps and get you started creating your own. Prior to attending this workshop, students will need to sign up for an ArcGIS Online account at the WebStore: https://webstore.illinois.edu/shop/product.aspx?zpid=3871

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.
- By Request Only

Copyright for Teaching

- 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.
- By Request Only

Dissertation to Book: Basics of the Revision and Publishing Process

- This presentation, designed for graduate students and early career faculty, will guide attendees on ways they might revise their dissertation into a book project. It will cover aspects of revising the dissertation, finding a publisher, and preparing a proposal, as well as some details on the publishing steps beyond.

Enhancing Your Research with Creative Commons

- The internet has created the opportunity for scholars to incorporate an increasingly diverse selection of materials into their research. This session will cover how to find, use, and cite Creative Commons licensed materials throughout the research process. Participants will learn the function of Creative Commons licenses in relation to copyright and best practices for integrating Creative Commons licensed materials into their projects. https://guides.library.illinois.edu/c.php?g=1133137

Evaluating Journals: The Good, The Bad, and the Predatory

- Is this a good journal to publish in? Is it using predatory practices? Participants in this workshop will learn features to look for when evaluating publication opportunities in order to make an informed choice about where to submit research. Participants will also understand the utility and drawbacks of different journal ranking metrics as a way to evaluate quality.
- By Request Only

Getting Your First Academic Book Written and Published

- Come learn how to transform your research into a publishable book-length study and learn strategies for submitting a proposal to university presses. You will also have the opportunity to discuss your project with an acquisitions editor at the University of Illinois Press. This session is most appropriate for scholars in the humanities and social sciences.

How to Use Adobe InDesign

- This workshop is designed for those with little to no experience with Adobe InDesign to help them learn the basics of using this document design program. During the workshop, the instructor will be creating a sample flyer, which the students will be encouraged to follow along with on their own computers so they can gain experience in clicking through the menus and where to find certain features in InDesign. They will then have time to explore on their own with instructor assistance!

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.
- By Request Only

Introduction to Scalar: Visualizing Your Argument

- Have a large research project, but not sure how to organize it? Want to structure your writing around multiple topics and themes? In this workshop, we will explore Scalar, a digital publishing

platform, that can structure multiple paths through your argument and help you visualize connections between topics, themes, objects, and spaces. As we walk through how to organize content in Scalar with widgets, we will discuss basic writing strategies that can help you organize, polish, and present your research in any medium. This workshop serves as a companion to "Introduction to Scalar: Working with Media," though no prior experience with Scalar or web-based design necessary. All are welcome to participate!

Introduction to Scalar: Working with Media

- Tired of describing film, art, and sound in non-media friendly documents? Want to present your research accessible to a broader public? In this hands-on workshop, we will explore Scalar, a digital publishing platform. As we walk through how to add and display media content, we will discuss basic writing strategies for multimedia publications, including resources for assessing copyright, file formats, and page layout. This workshop serves as a companion to "Introduction to Scalar: Visualizing Your Argument," though no prior experience with Scalar or web-based design necessary. All are welcome to participate!"

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).
- By Request Only

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. An introductory video on Fair Use can be found here: go.illinois.edu/FairUseVideo.
- By Request Only

Sharing Your Research

Google Scholar, ResearchGate, ORCID, and More: Curating Your Online Scholarly Identity

- ResearchGate, Google Scholar, Academia.edu, ORCID, SSRN, Amazon Author Page, IDEALS, and Illinois Experts are just some of the online scholarly collaboration networks you might be trying

to manage. Many scholars and graduate 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

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.

The Power of Presentation: Enhancing Your Slides for Engagment

- 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.

Publish your videos with Kaltura (Mediaspace)

- Kaltura (mediaspace.illinois.edu) is a YouTube-like service that allows U of I people to post and share videos, and you can use it to promote your research, for teaching, or outreach. Now, Zoom meetings you record to the cloud go directly into Kaltura! You can publish your media broadly or selectively. You can upload videos you've already made, or record directly online, edit your videos, and add captions, too. We will cover what you need to know to get started publishing with Kaltura, and follow up with consultation for your specific projects.

Miscellaneous

The Basics of Congressional Information

- The United States Congress is a vital institution that represents the people and holds legislative power. This workshop will explore the types of Congressional information including the Congressional Record, hearings, the Serial Set, etc. and discuss strategies for navigating that information. Participants will understand what kind of information different congressional resources contain and learn strategies to find and use them.

Introduction to the Biodiversity Heritage Library

- The Biodiversity Heritage Library is an open access digital library of more than 59 million pages. Focused on biodiversity literature, it includes many rare materials containing the original descriptions of plants and animals. The historic, artistic, and scientific materials are useful across a wide range of disciplines. Attendees will learn to search the BHL catalog as well as the stunning collection of public domain images in Flickr.

Legal Research Basics

- In many academic disciplines, researchers come across the need to look up laws and understand legal theories. This workshop will address how to best find federal and state court decisions, statutes, regulations, and to consult sources analyzing, explaining, and interpreting various areas of law. Participants will understand which online and print sources, available at Illinois, are the most relevant and authoritative given a particular legal information need.

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 available digitally to all interested individuals. This workshop will discuss the variety of ways in which a patron can virtually engage with materials at the RBML - including individual research, classroom instruction, and opportunities for collaboration.
- By Request Only

Poster Presentation and Design

- Are you preparing for an upcoming conference? 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, the Writers Workshop, and the Office of Undergraduate Research.