

Appendix F: “Seminar for Scholars” Workshop Series (Topics and Learning outcomes)

Library services and resources

Learning Outcomes:

- Identify the specific subject librarians available to assist members in the CALS departments
- Investigate the library’s services that assist with teaching and research endeavors
- Demonstrate how to identify appropriate databases and resources in regards to specific research needs
- Locate the appropriate forms on the library’s website to request materials that will support teaching and research activities
- Articulate how to request a librarian-led instruction session to address inquiry/information literacy skills designed for a specific course or project-based activity
- Explain the two methods for accessing library collections from an off-campus location

Citation Managers

Learning Outcomes:

- Define what citation/bibliographic managers are and how they can be used in the research process
- Identify commonalities between managers
- Identify differences between managers
- Explain the principles of how citation/bibliographic managers work
- Assess the functionality of three specific citation/bibliographic managers
 - Demonstrate how to import information into citation/bibliographic managers
 - Demonstrate how to use the cite-while-you-write feature of citation/bibliographic managers
- Articulate the pros/cons of using citation/bibliographic managers

Creating Effective Search Strategies

Learning Outcomes:

- Describe how databases work to index materials
- Identify appropriate keywords and related terms for a topic of interest
- Construct search strategies using Boolean operators and other search tools (e.g. phrase searching) to refine search results
- Identify appropriate databases to search based on a research topic of interest
- Inspect results
 - Identify resources and search strategies that retrieved the most applicable results
 - Determine adjustments to be made to other less effective search strategies and incorporate into a new search
- Demonstrate how to use database features to save searches and create search alerts for ongoing projects

Applying traditional methods of measuring impact

Learning Outcomes:

- Identify scholarly metrics currently used at both the individual and journal level
 - Describe how “cited by” counts are calculated and explain why numbers are not the same between Google Scholar and Web of Science
 - Describe how the h-index is calculated and discuss pros/cons of this metric
 - Describe how the Impact Factor is calculated and discuss pros/cons of this metric
- Assess the strengths of each of the metrics
- Assess the weaknesses of each of the metrics
- Compare metrics between two articles and examine how self-citations impact cited-by numbers
- Identify tools that are available to compile metrics
- Investigate your own scholarly metrics and describe how to incorporate them ethically and effectively

Emergence of Altmetrics in the Scholarly Landscape

Learning Outcomes:

- Identify changes in scholarly communication outlets
- Define the purpose of Altmetrics
- Identify tools that are available to compile Altmetrics
- Analyze the impact of example materials using the Altmetrics measurements available for each item
- Discuss the pros/cons of using Altmetrics
- Investigate your own scholarly Altmetrics and describe how to incorporate them ethically and effectively