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Beyond Web of Science (for the Sciences)

Carrie Leatherman

Western Michigan University, carrie.leatherman@wmich.edu

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Beyond Web of Science

Carrie Leatherman
Natural Sciences Librarian
University Libraries
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Beyond Web of Science

We're going to cover:

- Science article databases
- Literature searches
- Managing citations

Science Article Databases

What?

- Article database definition

Where?

- Databases grouped in [Subject Guides](#)

How?

- Choosing a database



The screenshot displays the Western Michigan University Library website. At the top, the WMU logo and navigation links are visible. Below the header, the breadcrumb trail reads 'University Libraries » Guides and Tutorials » Research Guides'. The main heading is 'Research Guides', with a 'Last Updated' date of Jan 9, 2013 and a URL of http://libguides.wmich.edu/home. A navigation bar includes tabs for 'Subject Guides', 'Class Guides', 'Selected Databases by Subject', and 'Resources'. The 'Subject Guides' tab is selected and highlighted with a red circle. Below this, there are two main sections: 'Complete List of Databases' and 'Subject Guides'. The 'Subject Guides' section lists various subjects with their respective authors and last updated dates, including 'Africana/African American Studies', 'Anthropology', 'Arabic Studies', 'Archives', 'Art', 'Aviation', 'Biological Sciences', 'Blindness and Low Vision Studies', 'Business', 'Careers and Employment', and 'Genealogy Information'.

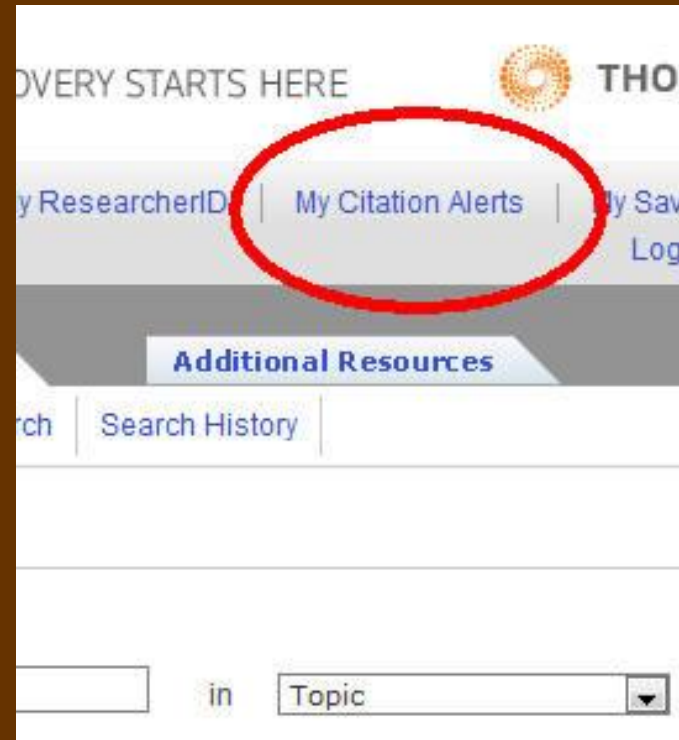
Literature Searches

How?

- Use a research question!
- Record your searches!
- Use database alert services

Why?

- More efficient
- Literature review



Literature Review

Very helpful articles:

- “Research Methods for Comprehensive Science Literature Reviews”
- “How to Read a Paper”

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Tips from the Experts

Research Methods for Comprehensive Science Literature Reviews

Barry N. Brown
Science Librarian
Mansfield Library
The University of Montana
Missoula, Montana
Barry.Brown@umontana.edu

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Abstract

Finding some information on most topics is easy. There are abundant sources of information readily available. However, completing a comprehensive literature review on a particular topic is often difficult, laborious, and time intensive; the project requires organization, persistence, and an understanding of the scholarly communication and publishing process. This paper briefly outlines methods of conducting a comprehensive literature review for science topics.

Define and Refine Your Topic

Managing Citations

Where?

- In [RefWorks](#)
- Anyplace with Internet access

How?

- One-time registration
- Features
 - Export citation(s) from database
 - Organize citations with folders
 - Attach documents to citation
 - Use Write-N-Cite for in-text citations
 - Create bibliographies



Questions?

Thank you!

Carrie Leatherman

carrie.leatherman@wmich.edu