Accessing the Library's Information Systems Research Guide

Step 1: Accessing the Research Guides
Begin on the UC Library homepage. Click on the RESEARCH GUIDES tab and click BROWSE ALL RESEARCH GUIDES.

Step 2: Finding Your Discipline
Scroll to find the discipline you are researching in the list. (The Information Systems Research Guide direct link is: https://ucumberlands.libguides.com/security)

Step 3: Top Resources
The TOP RESOURCES box shows the recommended databases for the discipline.
(I recommend beginning your search with the following databases:)

- ACM Digital Library
- IEEE/IET Electronic Library (IEL)
- Sage Premier

Step 4: Beginning a Search with ACM Digital Library
The recommended databases above include scholarly journal articles and papers presented at conferences. You can perform a single keyword search on the main search page. If you have multiple keywords to search, it is important to look for the ADVANCED SEARCH option to access additional search boxes.

Example:
As an example, you could use “cyber security” in the first search box and “defense” in the second search box. You can even use the phrase “national defense” in the second box to make the search more specific. To get additional search boxes in ACM Digital Library, click the + after the search box in the Advanced Search.

Note: When searching for “cyber security” make sure to search it as two words instead of the single “cybersecurity” because more search results will be found.

The concept in the first box is combined with AND (not seen on the search) to the concept in the second box. The AND between the concepts means that both concepts will be found in the articles.
Step 4a: Beginning a Search with IEEE/IET Electronic Library
When searching with IEEE/IET Electronic Library, you can search a single concept, such as “cyber security”, in the search box on the main page. If you want to search for two concepts combined, such as “cyber security” AND “national defense”, you will need to click ADVANCED SEARCH beneath the search box on the main page. The search defaults to searching the terms in only the Metadata (abstract/summary, title of article/paper, indexing/subject terms). If you need to expand your search, you can select Full Text & Metadata above the search boxes. This will include these terms being found in the full text of the articles as well as the Metadata (abstract/summary, title of article/paper, indexing/subject terms). Searching for terms in the Full Text will give more results, but the results may not be as much on topic as those retrieved with the terms being included in the Metadata. If a term is included in the abstract/summary, title, or indexing/subject terms, that means it is a major concept in that resource.

Many of the periodicals included in IEEE/IET Electronic Library and ACM Digital Library are scholarly. Both of these databases also include a large number of conference proceedings. All the journals included in Sage Premier are Scholarly/Peer Reviewed. We have access to many of the articles in these databases, but there may be some articles that we cannot access. If the article shows the PDF Full-Text link, it is available.

Step 4b: Beginning a Search with Sage Premier
All the article results when performing a search in Sage Premier will be Scholarly/Peer Reviewed articles. When clicking Advanced Search, you will see the options to search multiple keywords or limit your search to specific journals. You can also perform a Citation Search if you know the exact location information of your article.
Step 5: Explore Other Areas of the Research Guides Page
You don’t have to limit your searches strictly to the databases. Explore the Research Guides page and you may find additional helpful information to use in your research!

Information Systems: Top Resources