

# Library Presentation for Research Methodology

## Lecture 2

After this Demonstration, you will be able to ...

- Find Articles Related to your Research using
  - ACM Digital Library
- Apply same concepts to find other Article, Books, etc.
  - [Library Guide for Computer Science](#)
- Track and Format References using a Reference Manager

# Using ACM Digital Library to Find Related Articles

- [ACM Digital Library](#)
  - Contains full-text ACM journal articles and conference papers.
  - [A series of video tutorials like this presentation](#)
  - It is better to use the single search box in ACM Digital Library
    - You will retrieve more predictable results and gain more control over your search by using the + operator directly and placing parenthesis in the appropriate places.

# Using ACM Digital Library to Find Related Articles

- Let's use a similar example to that in IEEE Xplore. We will go broader with biomedical instead of cardiology.
- Use the single search box
  - + (biomedical) + ("parallel processing" "parallel computing" "distributed computing")
  - Singular terms will find singular and plural versions of the term
  - Terms in quotation marks find the exact phrase
  - [More searches using this example \(PDF\)](#)

# Using ACM Digital Library to Find Related Articles

- To access an article, select PDF link

Image-based biomedical modeling, simulation and visualization  
by Chris Johnson

...

Full text available:  PDF

Increasingly, biomedical researchers need to build functional computer models from images (MRI, CT, EM, etc.)...

- Selecting the title will display the entire record. Subject terms, references, etc.

# Keeping Current with Your Topic

- Keep track of previous searches and keep current with your topic
  - ACM Digital Library
    - Setup a free personal account
    - Table of Content alerts for journals in your area of interest
    - Can save articles to your “Binder”
  - [Keeping Current tutorial for more information](#)

## Using a Reference Manager to Manage References

- Store and organize citations
- Take notes to create your paper easier
- Format your paper automatically (or semi-automatically) using various citation styles
- Finding Help
  - [Citations Styles from your Course Library Guide](#)
  - [Reference Management Tools](#)

# Additional Exercises

- Reference Manager

1. ACM Digital Library

- i. Find an article on the same topic as last session
- ii. Look at the subject terms and combine them with your search if applicable
- iii. Export the article into a reference manager

2. Get book into your reference manager

3. Go to IEEE Xplore and export article to a reference manager

4. Generate a bibliography using the reference manager.