Carnegie Mellon University
University Libraries

Graduate Student Orientation
August 16, 2016

Matthew Marsteller &
Ole Villadsen
Today’s Agenda

- Where to find us
- A place to study, collaborate, research & learn
- Researching with Library resources
- Research Guides
- Research Data Management
- Scholarly Communication
- Citation Management

Hunt Library

Source: https://commons.wikimedia.org/wiki/User:Dllu CC-BY-SA 4.0
A Place to Sleep Rest Study (Individual and Group)
A Place to Sleep Rest Study (Individual and Group)
Places to study

There are many places to study throughout the libraries. Soft seating, tables, and carrels are available in all three library locations. HL 3 is a designated quiet study area.

You can also reserve small group study rooms in both Hunt and Sorrells. Open collaborative study is encouraged throughout the Libraries, except the quiet study floor (HL 3).

Hunt Library

Group study (small)

Work table and seating, whiteboard.

Capacity: 6

Location: Basement

Blue Room (A11)
Finding Research Articles, Conference Papers, Technical Reports, etc.

The Deep Web

Finding Research Articles, Conference Papers, Technical Reports, etc.

Surface Web: Accessible to most search engines

Deep Web: Not indexed by standard search engines

Dark Web: requires specific software, configurations or authorization

University Libraries can help with this

The Deep Web
Several Ways to Skin a Cat

• Discovery bar (think Google search bar)
• Advanced search
• By research database
• By eJournal
• Google Scholar
"cyber security"
Showing 1 - 10 of 99 for search: "cyber security".

Cyber security: turning national solutions into international cooperation
Published 2003

Table of Contents: "International cyber-security cooperation: informal bilateral models / Michael Vatis -- A gate must..."

Located: Qatar Library - STACKS
Call Number: TK5105.59 .C93 2003

Cyber Security
Get it @ CMU Full text
Reference

Cyber security
by Van Hemert, Grant
in Proceedings of the 89th International School of
1 - 20 of 99 results for "cyber security"

Sort: Relevance

**Cyber security**: turning national solutions into international cooperation
Published 2003

*Table of Contents*: "...International cyber-security cooperation: informal bilateral models / Michael Vatis -- A gate must..."

Located: Qatar Library - STACKS
Call Number: TK5105.59 .C93 2003

**Cyber Security**: Deterrence and IT Protection for Critical Infrastructures
by Martellini, Maurizio. Published 2013

*Table of Contents*: "...Cyber as Deterrent -- Cyber Security and Cyber Weapons: is Nonproliferation possible? -- Cyber..."
Advanced Search

Search for:

in All Fields

Limit To

- Scholarly/peer-reviewed only
- Full text only
- Include newspaper articles
- Articles at other libraries

Year of Publication
From: To:

Search
# A-Z Databases

Find the best library databases for your research.

### New / Trial Databases

The following databases are newly acquired or being evaluated for a future subscription.

**American Antiquarian Society (AAS) Historical Periodicals Collection: Series 1: 1691-1820**
Over 500 titles covering 1691-1820. The magazines and journals included are broad in scope and cover all aspects of American society. To search additional series of the AAS collection at once, once connected, click "Choose Database" and select the desired series.

**American Antiquarian Society (AAS) Historical Periodicals Collection: Series 2: 1821-1837**
Over 1000 titles covering 1821-1837. The journals and magazines included are broad in scope and include agriculture, entertainment, history, literary criticism, and politics. To search additional series of the AAS collection at once, once connected, click "Choose Database" and select the desired series.

**American Antiquarian Society (AAS) Historical Periodicals Collection: Series 3: 1838 to 1852**
Over 1,800 titles covering 1838 to 1852. Subjects covered reach into every facet of American life, including science, literature, medicine, agriculture, women's fashion, family life, and religion. To search additional series of the AAS collection at once, once connected, click "Choose Database" and select the desired series.

**American Antiquarian Society (AAS) Historical Periodicals Collection: Series 4: 1853-1865**
Over 1,800 titles covering 1853-1865. Subjects covered reach into every facet of American life, including science, literature, medicine, agriculture, women's fashion, family life, and religion. To search additional series of the AAS collection at once, once connected, click "Choose Database" and select the desired series.

### Databases found

#### A

**ABA Law Library Collection Periodicals**
Digitized collection of 54 periodicals. It includes digital access to current volumes of all periodicals in "ABA Law Library Collection Periodicals covering all subject areas of American law."

**ABI/INFORM Complete**
Articles from industry and scholarly sources, periodicals, reports and dissertations, on business, management, corporate strategy, and the competitive landscape. Access for alumni.

**Academic OneFile**
Articles in academic journals from all disciplines.

**Accessible Archives**
Historical American newspapers and other publications. Among others, includes African American newspapers and publications dealing with women's rights.

**AccessScience**
The McGraw Hill Encyclopedia of Science and Technology on the web, provides full access to articles, dictionary terms, and hundreds of research updates in all areas of science and technology.

**Accounting & Tax**
Articles on accounting, tax management, auditing, tax and financial law, governance, and risk management.
What are you searching?

eJournals by Title will tell you if we have an online subscription for a journal.

It will also tell you what years of the journal you can access online.

Tips for better searches

ISSN stands for International Standard Serial Number. ISSNs are unique identifies for journals and can help you find just the right journals.
1 record retrieved for the search: Title begins with "nature nanotechnology"

Nature nanotechnology (1748-3387)
from 10/01/2006 to 1 year ago in ProQuest Central and ProQuest Health & Medical Complete
from 2010 to present in Nature Journals Online
## Archive: issues

### Archive type:
- Issues
- Subjects
- Article categories
- Research highlights

### Current volume

#### 2016 | Volume 11

<table>
<thead>
<tr>
<th>Month</th>
<th>Issue</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>Issue 8</td>
<td>pp 653-732</td>
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<td>Issue 7</td>
<td>pp 575-652</td>
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<td>Issue 6</td>
<td>pp 489-574</td>
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<td>May</td>
<td>Issue 5</td>
<td>pp 397-488</td>
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<tr>
<td>April</td>
<td>Issue 4</td>
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</tr>
<tr>
<td>March</td>
<td>Issue 3</td>
<td></td>
</tr>
<tr>
<td>February</td>
<td>Issue 2</td>
<td></td>
</tr>
<tr>
<td>January</td>
<td>Issue 1</td>
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Okay, so yes… you *may* use Google! 😊
Connecting from off campus

Current CMU students, faculty, and staff have access to electronic library materials from off campus. All other users must be on campus and request temporary computer access to use electronic materials.

**EZproxy**

Most databases, eBooks, and other electronic resources use EZproxy authentication. Please access your resource and use your Andrew ID and password to log in when prompted.

If you're off campus and have problems, please report them to [ul-ezproxy-support@andrew.cmu.edu](mailto:ul-ezproxy-support@andrew.cmu.edu).

*Please note: ThomsonONE does not use EZproxy. To access this database, use the VPN method explained below.*

**VPN (Virtual Private Network)**

**Desktop directions**

3. In the VPN window, type [vpn.cmu.edu](http://vpn.cmu.edu)
4. Click Connect.
5. Make sure you choose the Library Resources Group during the log-in process. If you don’t choose Library Resources Group, you won’t be able to access library materials, even though the VPN is connected.
6. Once you’ve logged in, open your preferred browser and go to the library website to find and access electronic resources.
7. To end your VPN session, click Disconnect in the application window.

**Mobile directions**

1. Install the appropriate app on your mobile device.
2. Create a connection following these instructions.
3. In the VPN window, type [vpn.cmu.edu](http://vpn.cmu.edu) and then click "Connect".
4. Make sure you choose the Library Resources Group during the log-in process. If you have not chosen the correct group, you will not be able to access Library materials despite your online status.
5. Once you have logged in, please open your preferred browser and connect to the library website.
6. To end your session, click Disconnect in the application window.
Umm, so where do I start?
CMU Libraries at your service!

THIS GUIDE will direct you to the best information for your coursework, research, startup, or job search. Use the blue tabs at the top for specific topics or classes.

Library services - how do I:
- Find a book?
- Find the best resources for any topic?
- Find a particular journal article?
- Use databases/ebooks off campus?
- Contact the business librarian?
- Get a book or article that is not at CMU?
- Reserve a group study room?
- Put material on reserve (faculty)?
- Do anything else in the library?
- Do research after I graduate?

Beyond Google: quality information is key
- Data, articles, reports, company background, industry profiles, analysis, market research. Reliable, valuable, sophisticated, expensive information not available from Google.
  - BUSINESS & ECONOMICS DATABASES
  - All library databases

Books and e-books: read them and learn
Continually updated listing of our latest acquisitions in Business & Economics. Below: a few examples.

Pedigree: How Elite Students Get Elite Jobs by Rivera
Publication Date: 2015

Big Data Revolution: What Farmers, Doctors, and Insurance Agents Teach Us About Discovering Big Data Patterns (e-book) by Thomas & McSharry
Publication Date: 2015

Have a research question? Ask the business librarian:

Ryan Splenda
Email

Contact:
109C Hunt Library
Carnegie Mellon University Libraries
4909 Fifth Avenue
Pittsburgh, PA 15213
(412) 268-2453

Subjects:
Business, CMU Campuses Outside of Pittsburgh, Economics (Tepper), Entrepreneurship
### A-Z Database List

Full list of databases the library subscribes to, including trial access.

**Go to A-Z List**

### Showing 44 Subjects

<table>
<thead>
<tr>
<th>Subject</th>
<th>Display</th>
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</thead>
<tbody>
<tr>
<td>Architecture</td>
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<td>Art</td>
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<tr>
<td>CMU Campuses Outside of Pittsburgh</td>
<td>7</td>
</tr>
<tr>
<td>Computer Science (SCS)</td>
<td>3</td>
</tr>
<tr>
<td>Design</td>
<td>3</td>
</tr>
<tr>
<td>Drama</td>
<td>6</td>
</tr>
<tr>
<td>Economics (Tepper)</td>
<td>10</td>
</tr>
</tbody>
</table>

### Your Librarians

- **Matt Marsteller**
- **Kristin Heath**
- **Jill Chisnell**
- **Martin Aurand**
Can’t find that one article that you really need?

Try Inter-Library Loan (ILLiad)

FURTHER DEVELOPMENTS IN NEWTON'S METHOD FOR POWER SYSTEM APPLICATIONS

H. W. Dommel
Member IEEE

W. F. Tinney
Senior Member IEEE

W. L. Powell
Member IEEE

All of: Bonneville Power Administration
Portland, Oregon.


Price: $1.00
(75¢ at meeting)

Litho in USA

All Rights Reserved by
The Institute of Electrical and Electronics Engineers, Inc.
340 East 47th Street
New York, N.Y. 10017
Requesting items (Interlibrary loan)

If you need materials that CMU doesn't have, there are two services that can help. ILLiad is a full-service option: we search for the item and get it to you. E-Z Borrow is a self-service option (for books only): you search for the item and we get it to you. These services are provided at no cost to you.

**ILLiad**

Request books, articles, theses, and more. Use your Andrew ID and password to log in.

- Log in to ILLiad
- Directions for ILLiad
- Tips for ILLiad

**E-Z Borrow**

Request books only from participating libraries. Use your 9-digit CMU ID number to log in.

- Submit E-Z Borrow Request
- Directions for E-Z Borrow

*Please note* that we do not provide direct delivery services from SEI, Pitt, CLP, or LYRASIS libraries. To have items delivered, please use Interlibrary Loan or E-Z Borrow. See Other libraries for more information about area library options.
Directions for ILLiad

Tips for ILLiad

- First-time ILLiad users need to register before they can request items.
- You can also use the Log in to ILLiad button to log in to ILLiad to request renewals and see the status of your requests.
- Some items, like textbooks, are very difficult to acquire. If we can't get an item, the Interlibrary Loan office will contact you.
- Use the Get it @ CMU button to submit requests directly from our databases and Google Scholar.
When Logging into EZ-Borrow

9 digit ID #

4 digit pin #
What else do you have?
Research Data Management

What?
• Reproducibility & Reusability
• Discovery & Accessibility
• Storage & Preservation

UL Services
• Guides & Best Practices
• Consultations & Workshops
• Coming soon… data repository via figshare
Intro to data management

Data management 101

This guide will provide general information about data management, including an overview of Data Management Plans (DMPs), file naming conventions, documentation, security, backup, publication, and preservation. We have included the CMU data life cycle to put the pieces in context.

The CMU Libraries provides research data management resources for guidance on data management, planning, and sharing for researchers, faculty, and students.

Get help

Lisa Zlinski
Research Data Consultant
412-268-6107

Contact Us about Data

Computing Services
Office of Research Integrity and Compliance
Office of Sponsored Programs

DMPTool

DMPTool provides a simple platform for developing ready-to-use DMPs for your projects and research grants.
Scholarly Communication

What?

• “entire ecosystem for creating, registering, evaluating, disseminating, and preserving research and scholarship”

• So… topics like Copyright, Open Access, Depositing Dissertations, Identifiers (ORCID)

UL Services

• Guides & Best Practices
• Consultations & Workshops
• Open Access Repository: Research Showcase@CMU

Source: https://iugradschool.blogspot.com
Scholarly Communications

The term scholarly communications refers to the entire ecosystem for creating, registering, evaluating, disseminating, preserving, and reshaping research and scholarship, including intellectual property policies and the gamut of old and new publication types. Scholarly communications support students, teachers, researchers, and the advancement of knowledge. There is widespread belief that the traditional system for disseminating scholarship is broken. Evolving systems present opportunities for research to be shared more broadly and rapidly.

Copyright
There's a lot to know about copyright. Learn about laws, policies, and applications.

Open Access (OA)
Providing open access to research and scholarship has become a worldwide movement serving the mission of higher education. Learn more about Open Access (OA) at CMU and beyond.

Financial support for Open Access (OA) publishing
Interested in publishing open access? Get information, discounts, and money from the Libraries.

Research Showcase @ CMU
The University Libraries provides a repository named Research Showcase to preserve and provide free online (open) access to work produced by Carnegie Mellon faculty and students.

Depositing your dissertation
CMU encourages you to think carefully about how you deposit and publish your dissertation.

Academic integrity
Members of the Carnegie Mellon community are expected to be honest, fair, and respectful, to place the good of the community above personal considerations, and to hold others accountable for adherence to these standards.

Identifiers
Use researcher, funder, and update IDs to help yourself and others streamline research. Always

Public access mandates & policies
What is public access? Who mandates that you

Scholarly Communications Forum
The Scholarly Communications Forum provided

Contact Us
David Scherer
Scholarly Communications and Research Curation Consultant
412-268-2443

Scholarly Communications Digest
Keep up to date on important developments at CMU and beyond with the Scholarly Communications Digest, published by Keith Webster (Dean of Libraries) and Denise Troll Covey (Scholarly Communications Librarian):
Citation Management

What?

• Download/upload citations from web sites, online journals etc.
• Input citations and bibliography into a document using Word or OpenOffice
• Apply different styles e.g. APA or IEEE

UL Services

• Guides & Best Practices
• Consultations & Workshops
• Mendeley Institutional Edition
Citation: A (Very) Brief Introduction

Click the video and select "...More" for transcripts
Are we done?

- Check out our web page
- Follow us on Twitter @CMULibraries
- Look for Workshops & Consultations
- Calls, Chats, Walk-ins – all are welcome!
The Chief Thing to Take Away from This Orientation Session! Feel Free to …
Questions?