Research
@
Lawrence Tech Library
phone: 248.204.3000
email: refdesk@ltu.edu

Presented by Gretchen Weiner
Getting Started with Research

• Access resources
• Basics
• TechCat
• Research Guides
• RefWorks
• Finding full-text and Interlibrary Loan
Find the library home page
Identify the Assignment

- What is the research question?
- Background check
  - Type of source needed
    - Books
    - Journal articles
    - Web sites
- Identify and locate items
- Terminology
- Keep track of information
Plan Ahead

• Analyse your topic or thesis statement
  – “Communications and interactions”; “Financial benefits of good design and why it’s worth investing in”
  – Parse for research purposes – a good statement may not be a good search strategy
  – How many questions
  – Important concepts
  – Pull out keywords
Ready to begin!

• What has been published on the topic???
• Start at the LTU Library Home Page
• You’ll find links to identification tools, content, search suggestions & more
Starting Point

• Types of resources needed
• Topic area
• TechCat provides a good overview of books and articles
• A database focuses on articles in periodical literature
  – May be more specific in a subject area
  – Access to full-text is not a “given”
Library home page

Find databases here

Type search terms here

Spring Semester hours

Search Library Resources with TechCat+

Search Everything

Search with TechCat+ Research Guides

Today's Hours 8:30am – 11pm

Look for items at the Reserve Desk by class or instructor

Powered by WorldCat Discovery

Go to Advanced Search

View Spring Semester Hours

Check your personal Library Account
Terminology

Topic examples:

• Effect of water in an interior environment
• Urban greenery and human behavior
• Architecture and human interaction
• Walking city
• Window and view
• Store lighting and shopper behavior
• Furniture and human behavior
• Neurochemical and built environment
• Workplace environmental behavior
Topics & Search Terms

• Are these statements going to be the best search terms?
  – Do some brainstorming – what is your purpose?
  – What are you really investigating?

• Sources of additional search terms from citations
  – Subject headings (found in TechCat book records)
  – Descriptors
  – Abstracts
Results List Example

Save searches or records in your library account.
Terms that help limit or focus the search

– Effect(s)
– Affect
– Influence
– Human
– Impact
– Behavior (behaviour)
– Design

impact “urban landscape design” “human behavior”
Results List

Sign in to see the save search tool
The environmental psychology of prisons and jails: creating humane spaces in secure settings
by Richard. Wener
Print book 2012

Apply limits to narrow results
Narrower results list

limits

Link to article
Using the theory of planned behavior to explore environmental behavioral intentions in the workplace

Martin Graevec a, b, Lara D. Zibarras a, Chris Stride b

Abstract
This paper presents a study using the theory of planned behavior (TPB) to explore environmental behavioral intentions in a workplace setting. The first stage of the research process was the development of a questionnaire covering TPB constructs, their antecedent beliefs, and environmental behavioral intentions across three scenarios (switching
References

[1] T. Bani, F. Nemati, M. Khati
Estimation of lighting energy savings from dayliighting
Build Environ, 44 (3) (2009), pp. 509–514
Article | PDF (644 K) | View Record in Scopus | Citing articles (82)

Sunlight and vitamin D for bone health and prevention of autoimmune diseases, cancers, and cardiovascular disease

A field study on determination of preferences for windows in office environments
Build Environ, 42 (10) (2007), pp. 3660–3668
Article | PDF (351 K) | View Record in Scopus | Citing articles (13)

Analyses on human responses to illuminance variations for resident-friendly lighting environment in a small office
Indoor Built Environ, 22 (3) (2013), pp. 535–550
CrossRef | View Record in Scopus | Citing articles (4)

Windows, view, and office characteristics predict physical and psychological discomfort
J Environ Psychol, 30 (4) (2010), pp. 533–541
Article | PDF (493 K) | View Record in Scopus | Citing articles (73)

Effects of indoor lighting on occupants' visual comfort and eye health in a green building
Indoor Built Environ, 20 (1) (2011), pp. 75–90

[17] R. Kaplan
The nature of the view from home – psychological benefits
CrossRef | View Record in Scopus | Citing articles (376)
In this case, full text available in the Sage database
We are unable to get availability information for this item at your institution. Please speak with your librarian.

Libraries Worldwide

Request Item via Interlibrary Loan
Fill out the interlibrary loan form.

Current database: WorldCat
Article Title: Energy, Daylighting, and a Role for Interiors
Title: Journal of Interior Design (Journal of Interior Design)
Author: Theodorson, Judy

Most book ILL requests take one to two weeks to allow for transport time. The self-serve MelCat requests are sometimes faster (see search box on library website). Please fill out the following form to submit your request:

- First Name
- Last Name
- City
- Telephone
- Email
- Banner ID
- Pick-up Location: Library Front Desk
- Status: Undergraduate Student

Comments: Most ILL transactions are free, unless the costs exceed a certain amount. You will receive an email notification when your item is available for pickup.
Journal Index Databases

- Start at Research Guides tab on the homepage
  - Select a guide by subject area
- List of suggested databases relevant to the topic
- Consider Architecture, Psychology, Engineering ... guides
Subject Guides
Start with

• Architecture & Design Research Guide
  – Art Abstracts
  – Avery Index to Architecture Periodicals

• Also try other Research Guides
  – Psychology, Engineering, Management
If you know the name of the database use Databases A-Z tab

- Go to the main ALPHABETICAL LIST OF DATABASES
  follow the link above for all of the databases listed alphabetically with descriptions

The quick-links are listed below:
JOURNAL LITERATURE

• Avery Index to Architectural Periodicals
  – Indexes material from relevant journals going back to 1930, with selective indexing to the 1860s
  – Very comprehensive
  – Mainly citations, leads to full-text IF available
• Web based Bibliographic Management Tool
• Access through Library home page
• Helps you track your sources, create bibliographies
• Open account prior to search session for easy transfer
• Set up folder for topic or multiple folders for various aspects of research
RefWorks (new version) Log-in Page

Use your LTU email address
Export Citation to RW from TechCat
Which version of RefWorks would you like to export to?

Export to legacy RefWorks

OR

Export to the new RefWorks

If you recognize the round orange RefWorks logo and have a legacy RefWorks account, select this version to export to. Legacy RefWorks is the version of RefWorks available at most institutions.

If you recognize the square blue RefWorks logo and have a new RefWorks account, select this version to export to. The new RefWorks is not yet available at all institutions and yours may not support it.
Edit/Put in folder

Add to folder

Folder list

new
Database Suggestions

- Avery Index to Periodicals
- Proquest Psychology
- PsycArticles
- Sage
- ScienceDirect
- Springer

Hmmm, choices!
The Literature Search

- Develop a working “bibliography”
- Books –
- Journals –
- Citations – Styles
  RefWorks – manage your research
Let’s Review

Thesis idea:
• Have a solid thesis statement
• Consider: types of resources and best starting point
• Prepare a list of keywords
• Examine & re-evaluate
The Final Process

- Put it all together!
- Get a good night’s sleep...
Questions?

- Contact the library
  - Visit us in person
  - Phone 248-204-3000
  - Email refdesk@ltu.edu
  - Research Help Now
    - 24/7 Chat Reference