

How are you currently feeling?

A



(loachim, 2013)

B



(Becker, 2014)

C



(J, 2018)

D



(Nowicki, 2015)

Use the annotation tool to circle one of the letters above, or type a letter into the chat



Literature Reviews

Researching, organizing, and writing
literature reviews in the information sciences

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ACTIVITY

Use the chat feature to answer the following question:

Why do we conduct literature reviews?

Why do we conduct literature reviews?

- To situate ourselves within broader academic conversations and narrow our inquiries
- To provide background for our work and point to the main researchers, concepts, and theories linked to our research topic
- To prevent research waste/duplicating existing research
- To find connections between concepts
- To identify theoretical and methodological gaps—areas for further research

ACTIVITY

Use the chat feature to answer the following question:

**Literature reviews are
not [...]**

ACTIVITY

Use the chat feature to answer the following question:

Literature reviews are not bibliographies, summaries, or original research studies.

This workshop will cover the following learning objectives:

- 1 Distinguish the literature review from other genres of writing
- 2 Locate examples of literature reviews in the information sciences
- 3 Assess examples of literature reviews in the information sciences
- 4 Find and evaluate sources to complete literature reviews
- 5 Devise strategies for structuring and writing literature reviews

AGENDA

Understanding
Literature Reviews

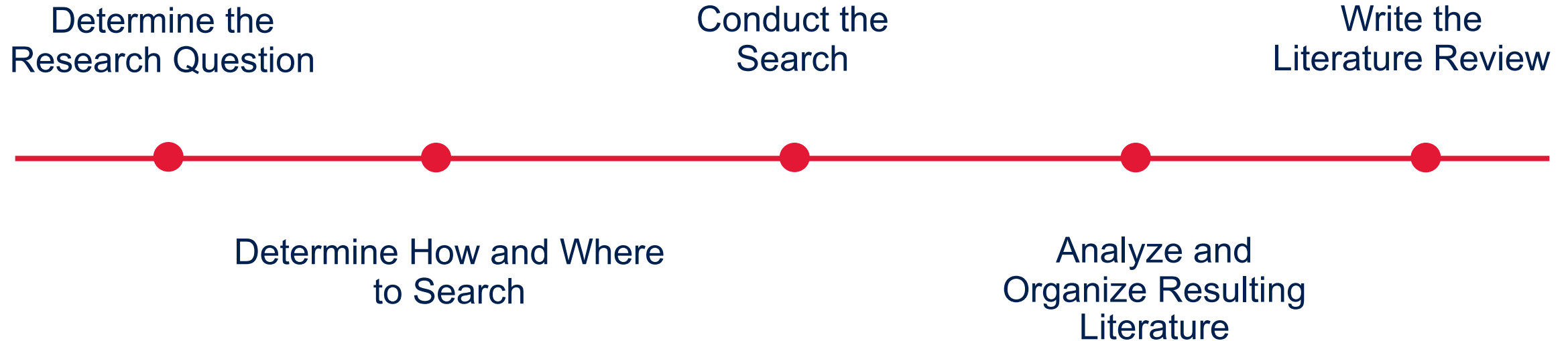
Locating
Sources

Writing the
Literature Review

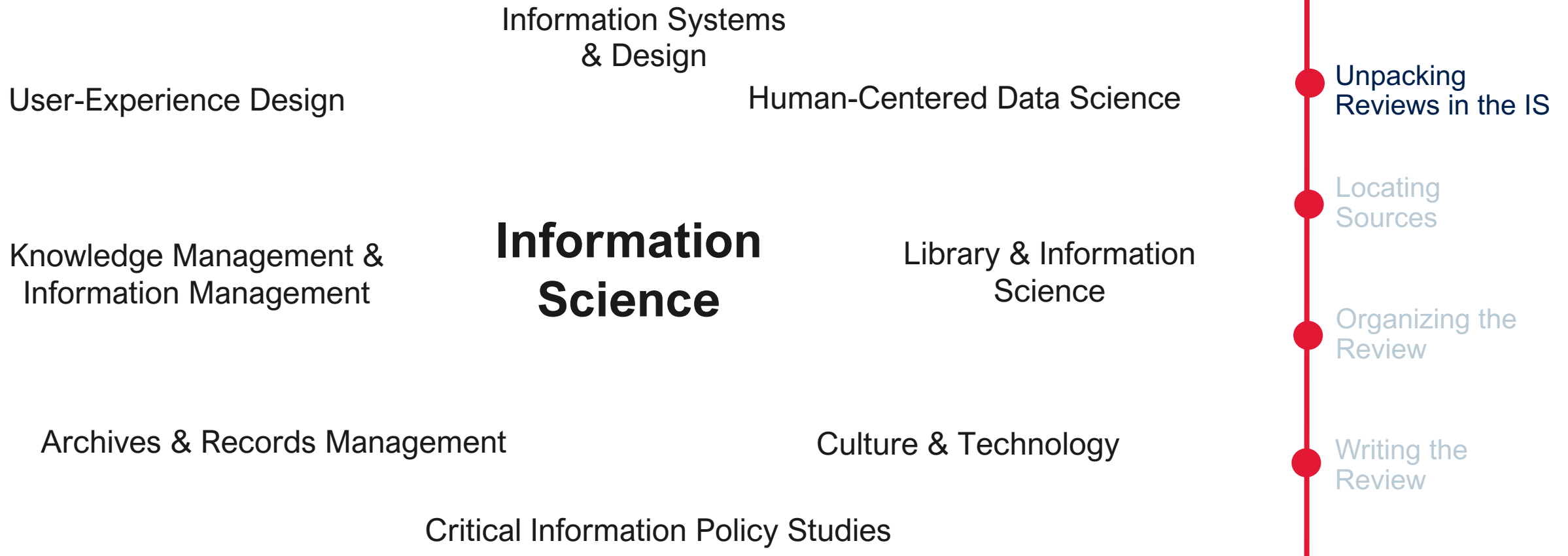
Unpacking Reviews Within
Your Discipline

Organizing the
Literature Review

Literature Review: General Process



Information science is a highly diverse field



Structure, language, and organization differ across the various information science subdisciplines

Human-Computer Interaction	Media Studies	
<ul style="list-style-type: none">• Ranges from structured, systematic reviews to less prescriptive approaches<ul style="list-style-type: none">Depends on whether component of larger project or standalone• Subject-specific databases:<ul style="list-style-type: none">— ACM DL— IEEE Xplore• Journals and Conference Proceedings:<ul style="list-style-type: none">— <i>Foundations and Trends in Machine Learning</i>— <i>IEEE Transactions on Affective Computing</i>	<ul style="list-style-type: none">• Usually less prescriptive approaches to reviews• Subject-specific databases:<ul style="list-style-type: none">— Communication Abstracts— Sociological Abstracts• Mainly Journals<ul style="list-style-type: none">— <i>Social Media + Society</i>— <i>New Media & Society</i> <p>Can also locate sources using search engines (e.g., Google Scholar, LibrarySearch)</p>	<ul style="list-style-type: none">• Unpacking Reviews in the IS• Locating Sources• Organizing the Review• Writing the Review

Identify relevant subject-level databases and journals

About CIPS

Current issues & news

CIPS courses at the iSchool

Databases in CIPS subject areas

The journal literature

Finding books

Organizations & other web resources

COVID-19 related issues

- LibGuides (Library Guides): Search Google for the discipline area and the term “LibGuide”
Example: “Critical Information Policy Studies LibGuide”
- University of Toronto Libraries Databases (sorted by subject)
- Scimago Journal & Country Rank

Unpacking
Reviews in the IS

Locating
Sources

Organizing the
Review

Writing the
Review

Complete broad-level searches using search engines and interdisciplinary databases

- [Google Scholar](#)
- [University of Toronto Libraries LibrarySearch page](#)
- Interdisciplinary databases:
 - [ProQuest](#)
 - [Web of Science](#)
 - [Scopus](#)
 - [EBSCO databases](#)
 - [Project Muse](#)

Unpacking
Reviews in the IS

Locating
Sources

Organizing the
Review

Writing the
Review

DEMO

Configure Google Scholar to connect to UTL resources

1 **Settings**

Search results **2 Library links** Account Button

Show library access links for (choose up to five libraries):

3

e.g., Harvard

4 ☒ Canadian National Catalogue - Find in AMICUS
☐ University Health Network Libraries - Find It @ UHN Libraries
☐ University Health Network Libraries - Find It @ UHN Libraries
☒ University of Toronto Libraries - Get full text

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

5

Unpacking
Reviews in the IS

Locating
Sources

Organizing the
Review

Writing the
Review

ACTIVITY

Use the chat feature to answer the following question:

What research project are you working on?

DEMO

Find relevant literature using subject-specific databases and SCImago Journal & Country Rank (SJR)

U of T Libraries / Research guides / Subjects A-Z

Subjects A-Z: Library and Information Science

Library and Information Science

Choose Resource Type

Search by title

Go

Resources found for Library and Information Science

[Clear Filters/Browse All Resources](#)

Best Bets!

[Library Literature & Information Science Full Text \(H.W. Wilson\)](#)

Keylibrary and information science journals, featuring full-text access and citation information.

✓ Best Bet

Journal Rankings Country Rankings Viz Tools Help About Us

SJR

Scimago Journal & Country Rank

Enter Journal Title, ISSN or Publisher Name

Unpacking
Reviews in the IS

Locating
Sources

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Writing the
Review

Access U of T [library and information-related databases](#)
Access [SJR](#)

ACTIVITY

Check whether the articles you found are peer reviewed using Ulrich's web



Ulrich's Serials Analysis System

University of Toronto

Search Workspace Ulrich's Update Admin

Enter a Title, ISSN, or search term to find journals or other periodicals:



Access [Ulrich's Web](#)
Guide on peer review

Unpacking
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ACTIVITY

Use the chat feature to answer the following question:

What if I still can't find literature
on my topic?

Try broadening your search to other sources and modifying your research question/inquiry

General sources

Databases

Government information

Conference proceedings

Dissertations and thesis

Institutional repositories

Think Tank materials

Technical reports

Statistics and data

- Examine grey literature
- Consider broadening your search terms
 - PICOT:
 - Population/Problem
 - Intervention
 - Comparison
 - Outcome
 - Type of Study
 - PIE:
 - Population/Problem
 - Intervention
 - Evaluation Effect
- Consider contrasting terms/antonyms

Unpacking
Reviews in the IS

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Review

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Review

ACTIVITY

Identify relevant academic articles using reference tracking

Mapping Tools:

- [ResearchRabbit](#)
- [Litmaps](#)
- [ConnectedPapers](#)
- [Inciteful](#)
- [citationchaser](#)
- [VOSviewer](#)
- [PURE suggest](#)
- [Citation Tree](#)
- [Open Knowledge Maps](#)
- [Location Citation Network](#)

Forward Reference Tracking

- **Cited by:** Which article(s) have cited the article I have?
- Check 'cited by' on Google Scholar or Scopus

Backward Reference Tracking

- **Cites:** Which article(s) does the article I have cite?
- Check the bibliography/reference list

Unpacking
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**Break
Time**

Use a citation manager to store and organize references

- Save, organize, annotate, and share references
- Easily embed references in text and generate bibliographies in thousands of citation styles
- Many options for citation managers:
 - [Zotero](#)
 - [EndNote](#) (Basic and Desktop)
 - [RefWorks](#)
 - [Mendeley](#)
- [Chart comparing different citation managers](#)

Unpacking
Reviews in the IS

Locating
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Writing the
Review

DEMO

Use the citation manager Zotero to organize and cite sources

The screenshot displays the Zotero citation manager interface. On the left, a list of sources is shown with columns for Title, Creator, and a status icon. The selected item is "Bit by (Twitch) Bit: 'Platform Capture' and the Evolution of Digital Platforms" by Partin. The right pane shows the details for this item, including its title, author (Partin, William Clyde), publication (Social Media + Society), volume (6), issue (3), pages (2056305120933981), date (July 1, 2020), DOI (10.1177/2056305120933981), ISSN (2056-3051), short title (Bit by (Twitch) Bit), URL (https://doi.org/10.1177/205630512093...), and access date (2022-02-28, 10:43:49 a.m.).

Title	Creator
A kinder, gentler gorilla?	The Economist
Apple Adopts 'Open Source' Code Strategy	Markoff
Bit by (Twitch) Bit: "Platform Capture" and the Evolution of Digital Plat...	Partin
BUSINESS TECHNOLOGY: One Man's Fight for Free Software	Markoff
Codifying a Commons: Copyright, Copyleft, and the Creative Commo...	Goss
Commercial versus open source software: the role of product heterog...	Bitzer
Copyleft vs. Copyright: A Marxist Critique	Söderberg
Copyleft—the economics of Linux and other open source software	Mustonen
Copyleft: Licensing Collaborative Works in the Digital Age	Heffan
Copyright or copyleft?: An analysis of property regimes for software d...	de Laat
Coring on Digital Platforms—Fundamentals and Examples from the M...	Bender and Gronau
Debating Open-Source Software at the U.N.	Pogue
Democratizing production through open source knowledge: from ope...	Powell
Designed to 'effectively frustrate': copyright, technology and the agen...	Gillespie
Hackers rule	The Economist
Hacking in the public interest: Authority, legitimacy, means, and ends	Powell
Hacking the body: code, performance and corporeality	Thomas
How partners mediate platform power: Mapping business and data pa...	van der Vlist and Helmond
Leveraging Digital Health Platforms in Developing Countries: The Role...	Msiska et al.
Microsoft to Give Governments Access to Code	Lohr
New Economy; Despite Microsoft's best efforts to kill it, the free-soft...	Flynn
On open innovation, platforms, and entrepreneurship	Nambisan et al.
Open Source of Copyleft: Authorship Reconsidered	Dusollier
Platform ecosystems as meta-organizations: Implications for platfor...	Kretschmer et al.
Platform Governance Design in Platform Ecosystems: Implications for ...	Chen et al.
Platform-Dependent Entrepreneurs: Power Asymmetries, Risks, and S...	Cutolo and Kenney
Pre-hacked: Open Design and the democratisation of product develo...	Richardson
Q&A/ Richard Stallman : Why Software Should Be Free and Shared	Shulman

Zotero
Library

Unpacking
Reviews in the IS

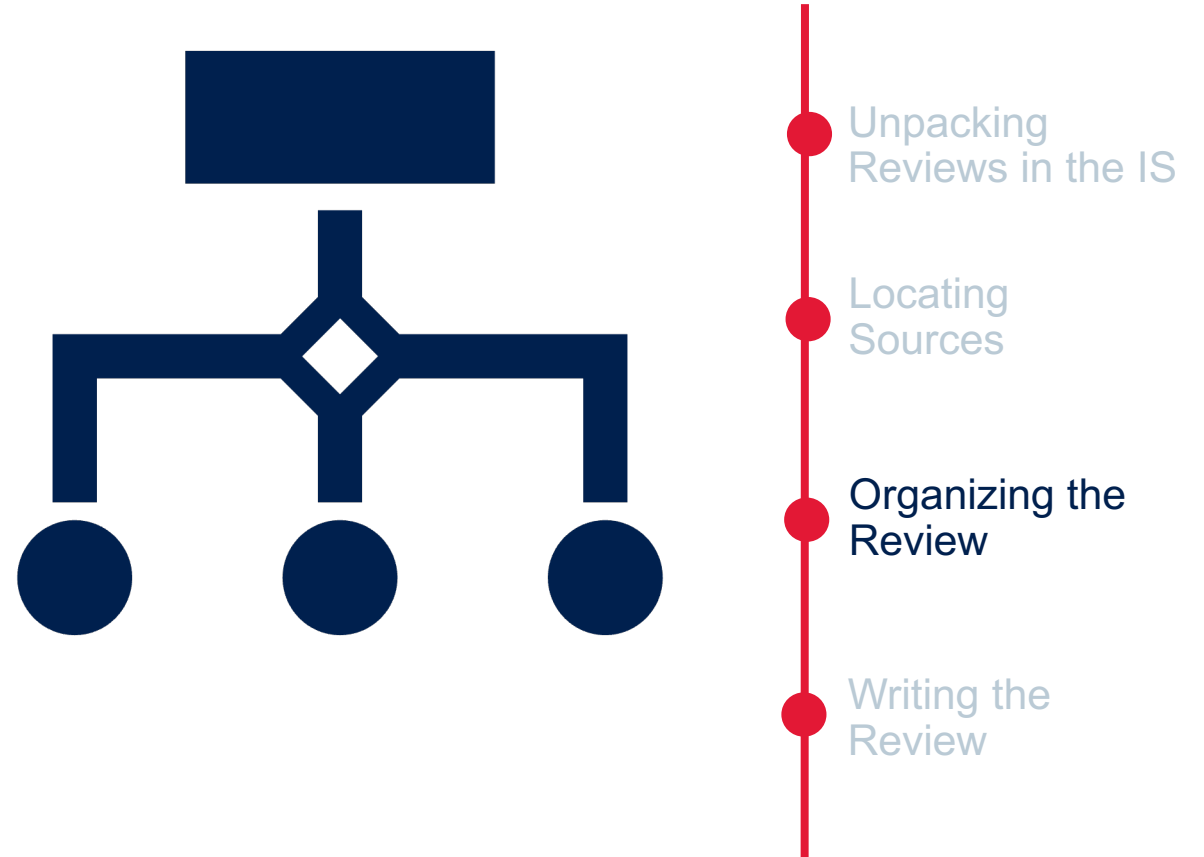
Locating
Sources

Organizing the
Review

Writing the
Review

Consider how you would like to structure your literature review

- Chronologically/historically
- Thematically
- Key debates
- Key authors
- Specificity
- Problem–solution or cause–Effect



ACTIVITY

Use the chat feature to share



School of Graduate Studies - Theses

The School of Graduate Studies (SGS) requires doctoral and masters graduands to submit a thesis written as a required element of their degree program in electronic format.

To submit your thesis, follow these instructions:

1. [Online thesis submission system \(SGS\)](#)
2. [Thesis preparation and submission instructions \(SGS\)](#)
3. [Thesis submission and publishing guide \(Library\)](#)

Dissertations

- [TSpace](#) (University of Toronto)
- [ProQuest Dissertations & Theses Global](#)
- [Print theses](#) (see bottom of Library Guide)

Find a dissertation related to your area of study or your discipline of study and explore the literature review section

Unpacking
Reviews in the IS

Locating
Sources

Organizing the
Review

Writing the
Review

Consider the type of language included in your literature review

- Australian National University:
“Language of the literature review”
- Staffordshire University: “Academic writing”
- University of Westminster:
“Academic English: Academic Voice and Language”



Further support with literature reviews

Writing Support

Writing Tutors at the Learning Hub
(Book appointment through Quercus)

- Receive feedback on ongoing assignments and writing projects
- Develop writing skills

Graduate Centre for Academic Communication (GCAC)

- Sign up for writing workshops (asynchronous and synchronous)
- Book an appointment with the writing centre

University of Toronto Libraries



Ask Chat

- Speak to a librarian
- Immediate support via instant messenger

Drop-in Hours (Check Quercus)

- Speak to a librarian
- Immediate support over virtual platform

Thank you!

Questions?

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