G4 - Introduction (Literature Review)

HCI/PSYCH 522
Iowa State University

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Literature Review

https://owl.purdue.edu/owl/research_and_citation/conducting_research/writing_a_literature_review.html

Definition

A literature review is a document or section of a document that collects key sources on a topic and discusses those sources in conversation with each other (also called synthesis). The lit review is an important genre in many disciplines, not just literature (i.e., the study of works of literature such as novels and plays). When we say "literature review" or refer to "the literature," we are talking about the research (scholarship) in a given field. You will often see the terms "the research," "the scholarship," and "the literature" used mostly interchangeably.

For us, a literature review is synonyms with an annotated bibliography (not to be confused by the assignment with the same name).

Literature Review Organization

https://owl.purdue.edu/owl/research_and_citation/conducting_research/writing_a_literature_review.html

- Chronologically
- Thematic
- Methodological
- Theoretical

Introduction

`https://guides.lib.uci.edu/c.php?g=334338&p=2249903`

This is where you describe briefly and clearly why you are writing the paper. The introduction supplies sufficient background information for the reader to understand and evaluate the experiment you did. It also supplies a rationale for the study.

Goals:

- Present the problem and the proposed solution
- Presents nature and scope of the problem investigated
- Reviews the pertinent literature to orient the reader

Introduction Checklist

- Indicate the field of the work, why this field is important, and what has already been done (with proper citations).
- Indicate a gap, raise a research question, or challenge prior work in this territory.
- Outline the purpose and announce the present research, clearly indicating what is novel and why it is significant.
- Avoid: repeating the abstract; providing unnecessary background information; exaggerating the importance of the work; claiming novelty without a proper literature search.

Introduction Assignment

- 3-4 Paragraphs
  - "Make the paragraph the unit of composition: one paragraph to each topic"
  - Suggestion: one paragraph per
    - Population
    - Treatment (factor of interest)
    - Measurement
- 12+ References
  - APA Style: Author-date, e.g. (Jones, 1998)
- Reference list
  - APA Style