LITERATURE MAPPING
A Visual Exercise of Advanced Information Literacy

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AGENDA

- Introductions
- Literature Review – what is it?
- Literature Map – what is it?
- Concept Exercise
- Examples and Discussion of Online Mapping Tools
“A systematic examination of previously published studies on a research question, issue, or method that a researcher undertakes and integrates together to prepare for conducting a study or to bring together and summarize the ‘state of the field’”.

Neuman & Robson (2009), p. 64.
LIT REVIEW: MORE THAN A BIBLIOGRAPHY

- Non-enumerative review of literature in the field with an emphasis on relationships between contributions. In other words, a description of the conversation, key speakers, key schools. (integrate and summarize what is know in an area)
- What remains undone (a question of emphasis, theoretical framework, historical period, disciplinary approach, &c.)
- Implications of this gap for the field (what as a result of the gap continues to be misunderstood or underappreciated?) and what you hope to do to remedy this
- Thesis statement: “This study will [do this] in order to [achieve this]”
- Methodology or enumeration of primary sources relied upon
- Visually organized into a structure: a diagram, flowchart, or series of circles
LITERATURE REVIEWS

Different Types:  
- Historical
- Methodological
- Self-study
- Contextual
- Theoretical
- Integrative

Different Organizational Structure:  
- Topical Order
- Chronological Order
- Problem-cause-solution
- General to specific
- Known to unknown
- Comparison and contrast
- Specific to general
LITERATURE MAP – WHAT IS IT?

- TRANSFORMATIVE EXERCISE:
  - Begin with text, internalize text to the point where it can be mapped, then turn that internalized dialogue back into text.

- Selective review of literature in the field

- Visually organized into a structure: a hierarchal diagram, flowchart, or series of circles
  - Illustrates what remains undone, or presents a gap in the field

- Shows relationships between ideas and documents

- Blend of Concept Map and Mind Map
  - Concept Map – Hierarchical
  - Mind Map – expanding out, more loosely structured
CREATING THE LIT MAP

How to create a lit map:

- Remember you are organizing IDEAS
- Start with the literature and let the categories emerge organically
- The labels describe the focus of the studies
- Consider having several levels – subtopics
  - keep in mind that some branches of the chart will be more developed than others – depends on the literature
- Show relationships between articles with lines to show the extent to which authors in each area are in dialogue with each other
CREATING THE MAP – CONTINUED…

- Remember:
  - Your contribution brings all these disparate voices together.
  - Lines from articles to Further Study show which articles/authors will be of major significance in your study

- Final Goal:
  - Clarify threads of discussion – relationships between authors and ideas – who is saying what, who is responding to whom, who disagrees with whom, and who is off on their own
  - Identify gaps in the research of the field
  - Situate your own voice in the larger conversation
LIT REVIEW: FROM TEXT TO MAP

Procedural Justice in Organizations

Justice Perceptions Formation
- Motives
  - Tyler, 1996
- Knowledge
  - Schappe, 1996
- Climates
  - Naumann, 2000
- Organizational Structures
  - Schminke, 2000
- Voice

Justice Effects
- Outcomes
  - Masterson, 2000
  - Lewis, 1999
- Trust
  - Pugh, 1994
- Unjust Treatment
  - Tepper, 2000; Kickul, 2001
  - Daily and Kirk, 1992

Justice in Organizational Change
- Pay Freezes
  - May, 2000
  - Brown, 1994
- Leadership
  - Brockner and Thibault, 2000
- Strategic Decision Making
  - Kime and Mauborgne, 1998

Further Study
- Procedural Justice and Culture

Adapted from Creswell 2003: 40
SAMPLE LITERATURE MAP – DETAILED STUDY

- Arrange individual sources in a diagram which illustrates their relationship to one another
CONCEPT EXERCISE

Using the terms below to create a concept map which demonstrates identifies key themes, and demonstrates the relationship of one term to another:

Written, Computer, Keyboard, Paper, Typewriter, Pencil, Eraser, Mouse, Work-processor, Notepad, “Post-it” note, Essay, Printout, Communication, Electronic, Media

Adapted from Dr. J. May, “Concept Mapping: Encouraging Holistic Learning in the College Classroom” (February 2012)
http://cmap.ihmc.us
MIND MA

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EXAMPLE: MINDMAPPER.COM

- Extensive task pane
- Identify topics by colour
- Open documents and web pages
- Convert map to table
- Add shapes or clipart
FOR MORE INFORMATION

- Mind mapping software blog: [http://mindmappingsoftwareblog.com/](http://mindmappingsoftwareblog.com/)