Types of Reviews

- **Systematic Reviews & Meta-Analysis**

    - Support for team-based projects that meet all requirements

- **Scoping Reviews**

    - Support for team-based projects that meet all requirements

- **Literature Reviews**

    - Liaison Librarians May Help Students in search strategies

- **All Other Reviews**

    - No support Services

A typology of reviews: an analysis of 14 review types and associated methodologies

DOI: 10.1111/j.1471-1842.2009.00848.x

Brief History of UPC Review & Evidence Synthesis Services

- Decision to add this service to UPC programs July 1, 2020

  - Explosion in Non-Medical Sciences Systematic Review (NMSSR) publications

  - Increased interest from non-medical Faculty and Graduate Students

  - Proactive Professional Development

    - First learning traditional review & evidence synthesis (medical RCTs)

    - Learning NMSSR & Evidence Synthesis

    - Awarded Scholarship for Social Science Evidence Synthesis Institute

Brief History of UPC Review & Evidence Synthesis Services

- Developed Research Guide with Service Offering & Best Practices

- Opened Service for Teams

- Obtained all Needed Software

- Refined Services

- Presented to Association of College and Research Libraries

- Published First Reviews that were Completed

- Published Concept Papers

- Invited panelist at American Library Association Annual Conference 2023

Brief History of UPC Review & Evidence Synthesis Services

- Paired with Faculty to offer Instruction of Reviews and Evidence Synthesis

- Developed Instructional Programs for NMSSR & ES

  - One Shot Course Integrated Instructional Session

  - In Depth Course Integrated Instruction (tailored to course learning outcomes)

    - Can be Doing a Mini SR or Any Piece

    - Can be Software Training

Requirements for USC Libraries Collaboration on Systematic or Scoping Reviews

- Must be a team of three or more (Librarian will be an additional team member)
- Team must include a faculty member other than librarian faculty
- Graduate student lead teams will be considered- but this can not be part of a dissertation
- Librarian becomes a full team member and must have co-authorship on publication
- Type of review must meet our criteria for collaboration
- Best practices (as directed by faculty librarian must be followed)
- Faculty Librarian serves as Review and Information Science expert

Process of Reviews & ES at UPC

✦ **Intake Meeting**

- ▪ Research Question(s)
- ▪ Registration(s) OSF or JBI (unless publishing in SR database)
- ▪ Housekeeping (shared drive)
- ▪ Document Development (RQ, Justification, Team Composition/Contact)
- ▪ Schedule Weekly Meetings (will be used as needed)
- ▪ Discuss RQ refinement if needed
    - ✦ Inclusion and Exclusion variable discussion

Process of Reviews & ES at UPC

✦**First Meeting**

    ✦Finalize Research Question

    ✦Develop Inclusion & Exclusion Variables

    ✦Brainstorming Search Terms Document (shared drive)

    ✦Database Thesaurus Explore

    ✦Systematic Search Tracking Sheet Introduction (shared drive)

    ✦Zotero Description/Training

    ✦Database Discussion and Form Access (shared drive)

Process of Reviews & ES at UPC

✦**Second Meeting**

✦Strategic Systematic Search (SSS)

✦SSS Tracking Sheet

✦Zotero Training: Bibliographic software

✦SSS Plan (downloading)

Services Faculty Librarian Provides

- Review type decision confirmation or consultation (based on research question and goals)
- Development of research question (s) (if needed)
- Facilitates development of inclusion/exclusion variables
- Administration of project (participation level varies)

- Software selection consultation and administration (participation level varies)
- Meetings/housekeeping/agendas with deliverables
- Identifies Databases
- Development of Search Terminology
  - Facilitates searching (group searching or division of search tasks)

Services Faculty Librarian Provides

- Identifies and consults on review registration
- Preliminary discovery on similar systematic reviews
- Develops/consults on review protocol
- Facilitates searching
- Training on software
- Participates in screening when appropriate

- Writes methods section of paper
- Contributes to writing other sections as need
- Tracks and/or provides tracking forms (reproducibility)
- Provides supplemental materials and charts for publication
- Identifies potential publishing opportunities
- Editorial review (if needed)

Scholarly Output

25 Publications and Presentation from March 2022- July 2024

Invited Panelist at ALA 2023 NMSSR's
Research Guide
- **Detailed procedures & best practices**
- **Decision**
- **Open Access templates for each procedure, table & chart**

Peer Reviewing Evidence Synthesis
- **Cambell Systematic Review New Guidelines**
- **Journal of Information Analysis**
- **Journal of Librarianship & Information Science**

Current Activities

Twelve Current Teams (seven disciplines)

- **Collaborating with Five Schools at USC & Seven External Universities** (Case Western Reserve University Medicine, Columbia University, Johns Hopkins Medical, Northwestern University, Pepperdine University, San Diego State University, Stanford University)

Three Journal Paper Submissions
Two Conference Presentation Submissions
Instructional Services (Faculty & Graduate Students)

Evidence Synthesis Research Guide

Questions?

Contact Me
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