

# The Incorporation of Grey Literature into a Newly Formalized Research Services Program

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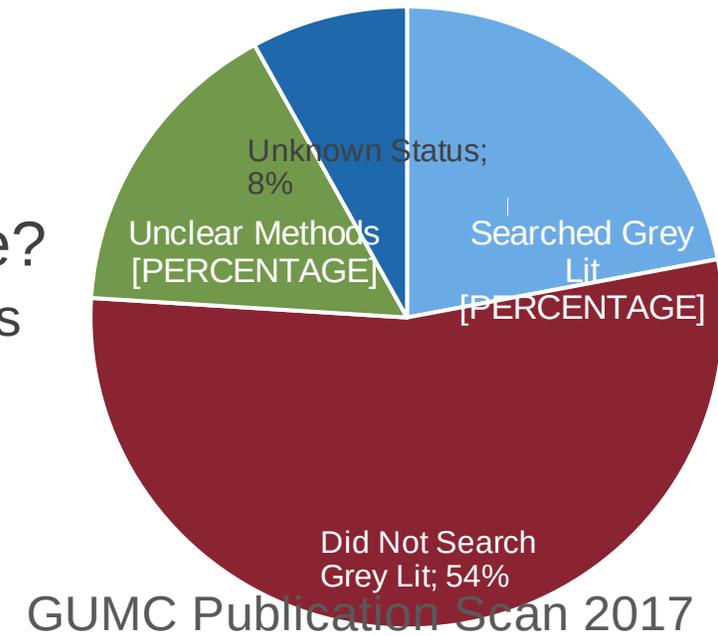
# Setting the Stage

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- Georgetown University: Private, Non-profit, R1 Institution
- Dahlgren Memorial Library (DML) is the Graduate Health and Life Sciences Research Library and serves the Georgetown University Medical Campus (GUMC)
- By the Numbers:
  - DML has a staff of 19
  - Full Time Equivalent (FTE) of GUMC: 6,240
  - Heaviest users are the Medical Students and there are about 800 total
  - Total Georgetown University FTE (Main, Med, and Law): 16,500

# Problem Statement (& Questions)

- The omission of grey literature searches and/or sources in review articles can lead to publication bias and validity issues.
  - Health and Medicine Division of the National Academies (formerly IoM)
  - Cochrane Collaboration
  - Joanna Briggs Institute (JBI)
  - Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA)
- Do GUMC researchers have an awareness of grey literature?
  - Quick Ovid MEDLINE search for Systematic Reviews or Meta-Analyses
    - 50 Publications for 2017
- **How can DML help increase GUMC researchers' awareness and support for inclusion of grey literature in their various clinical and research projects?**



# Learning from the Past

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- Mostly informal and reactive
- Online guide since 2012
- Hosted several workshops from 2012-2014
- Medical Education Research Scholars presentation and discussion

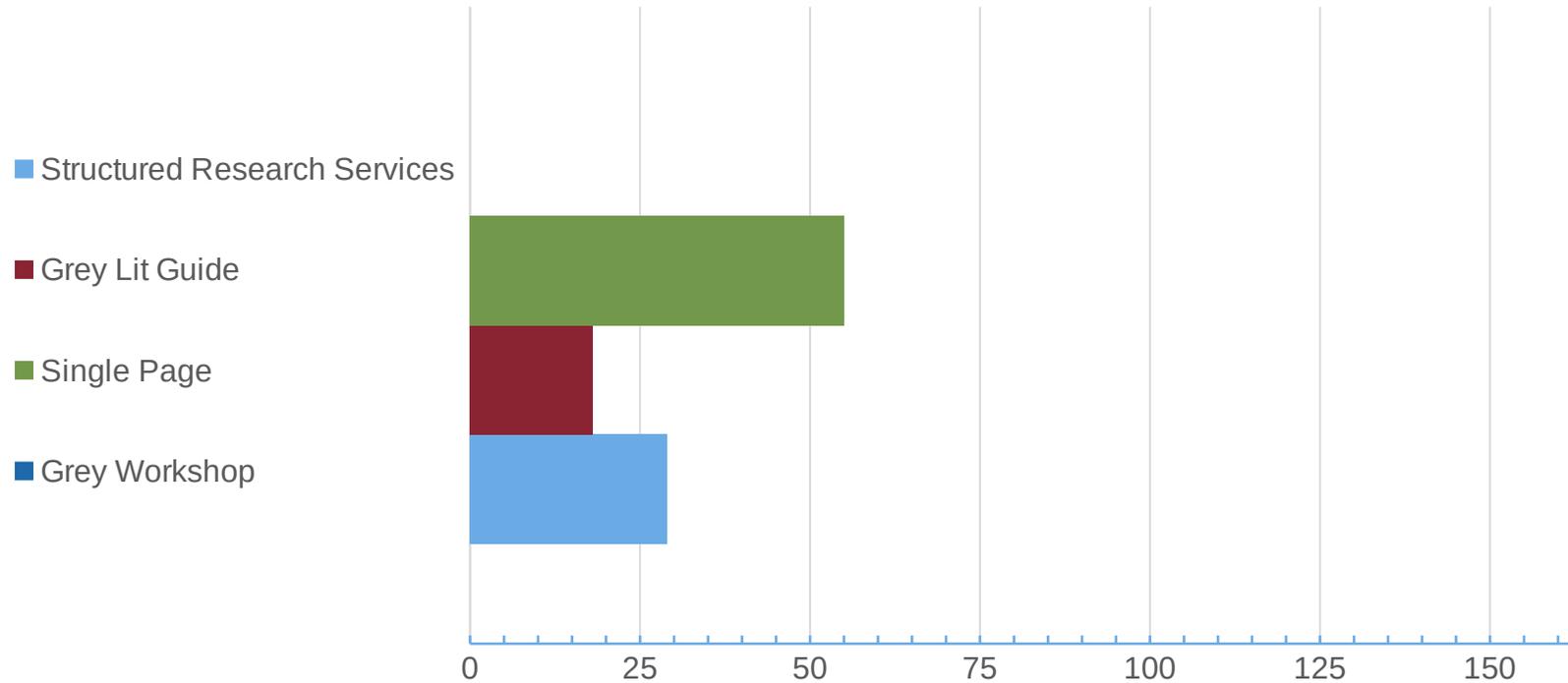
# Vision and Goals

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- We want to be valued as an integral component of quality health and life sciences research by supporting all GUMC researchers, clinicians, and students. We envision this to include grey literature education.
  - Goals
    - Newly revised librarian position
    - Create and implement a new formalized research services program

# AAMC & AAHSL Environmental Scan

- Scan of 163 Association of American Medical Colleges and Association of Academic Health Sciences Libraries



# Research Life Cycle Model

## Ideas

- Literature Reviews (background & exploratory)
- Current Awareness
- Research Productivity Tools
- Identify Potential Collaborators/Mentors

## Funding & Proposals

- Connecting researchers with funders
- IRB / IACUC Protocol Support

## Experi-Collect

- Systematic Review Support
- Other Literature Reviews
- Data Management
- Bibliographic Management

## Publish & Present

- Where to Publish
- Open Access
- Copyright
- Manuscript Preparation

## Impact

- Citation Analysis
- Altmetrics
- Data Visualization

# Awareness via Formal Education

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- Train the trainers
- Integrations of Workshops into Research Services Program
  - The Basics of Grey Literature
  - The Inclusion of Grey Literature into Systemic Reviews and how to ensure reproducibility

Name \_\_\_\_\_

Research Topic / Question

Background: Questions / Information / D

Context: other areas / disciplines that mi  
(this will help you select additional databases to search)

- Business / Economics
- Education
- Gobal Health
- Law / Legal
- Policy

Specific concepts you would like to focus

### Harvest / Brainstorm

Subject Terms (MeSH, Emtree, etc.) Key

**1**

AND

**2**

AND

**3**

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- PubMed MEDLINE
- Ovid MEDLINE
- CINAHL
- Embase
- Web of Science

Databas

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- 
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- 
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Helpful Articles (primary and secondary)

Grey

Statistics, Government Sources, etc.

Videos

Who is your expert?

(Search PubMed with "Georgetown[Affiliation]" and add keyword for explorations topic.)

Notes

\*Common Subject (MeSH) Terms for MEDLINE (in no particular order)

Search the MeSH site for more ideas: <https://www.ncbi.nlm.nih.gov/mesh>

- Health Status Disparities
- Healthcare Disparities
- Ethnic Groups
- Minority Groups
- Sexual Minorities
- Minority Health
- Vulnerable Populations
- Medically Underserved Area
- Health Services Accessibility
- Socioeconomic Factors

# Research Tracking

- Statistics gathering
- Knowledge sharing



**Purpose**  Independent Scholarly Project  
Patient Information  
Presentation  
Systematic Review

**Other purpose or specific name of assignment:**

**Research / Topic Information**

**Research Question or Topic \***

**Details and/or Notes**

**Resources Used \***  
Ovid MEDLINE  
PubMed  
Embase  
CINAHL  
Databases

**Other Databases:**

**Search Terms** 

**Grey Literature? \***   Yes  No

**If yes, which resources did you consult?**

Did you consult or recommend grey literature?

# Drive On Ever Forward

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## Obstacles / Hurdles

- My position(s)
- Small library with small staff
- The budget

## Next Steps

- Needs assessment
- Committee and Departmental Meetings
- Continue to build our integration into the School of Medicine curriculum
- Institutional Repository?

# References

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