



From Overview to Hands-On Practice:
Iterating NIH Data
Management &
Sharing Plan Support

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Background

- The NIH Data Management & Sharing Policy (effective January 2023) requires anyone submitting a proposal for NIH funding to include a data management and sharing plan (DMSP) that addresses a variety of parameters about the scientific data they plan to generate.

Background



Our library has supported policy implementation in three key areas:

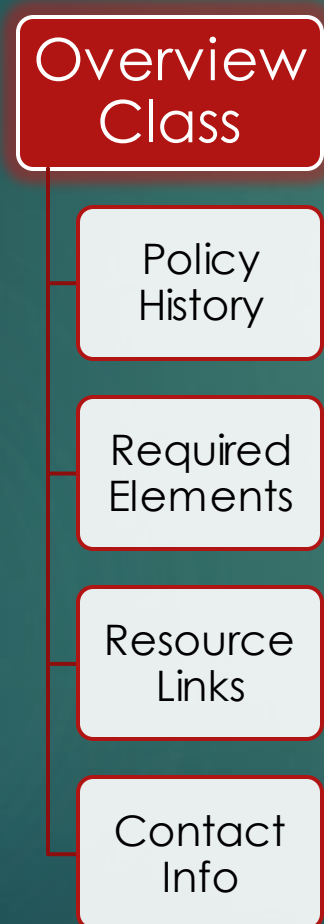
1. GUIDANCE: Institutional resources and department-level presentations
2. EDUCATION: One-hour synchronous virtual classes
3. EXPERTISE: Consults and reviews of DMSPs

Library Classes

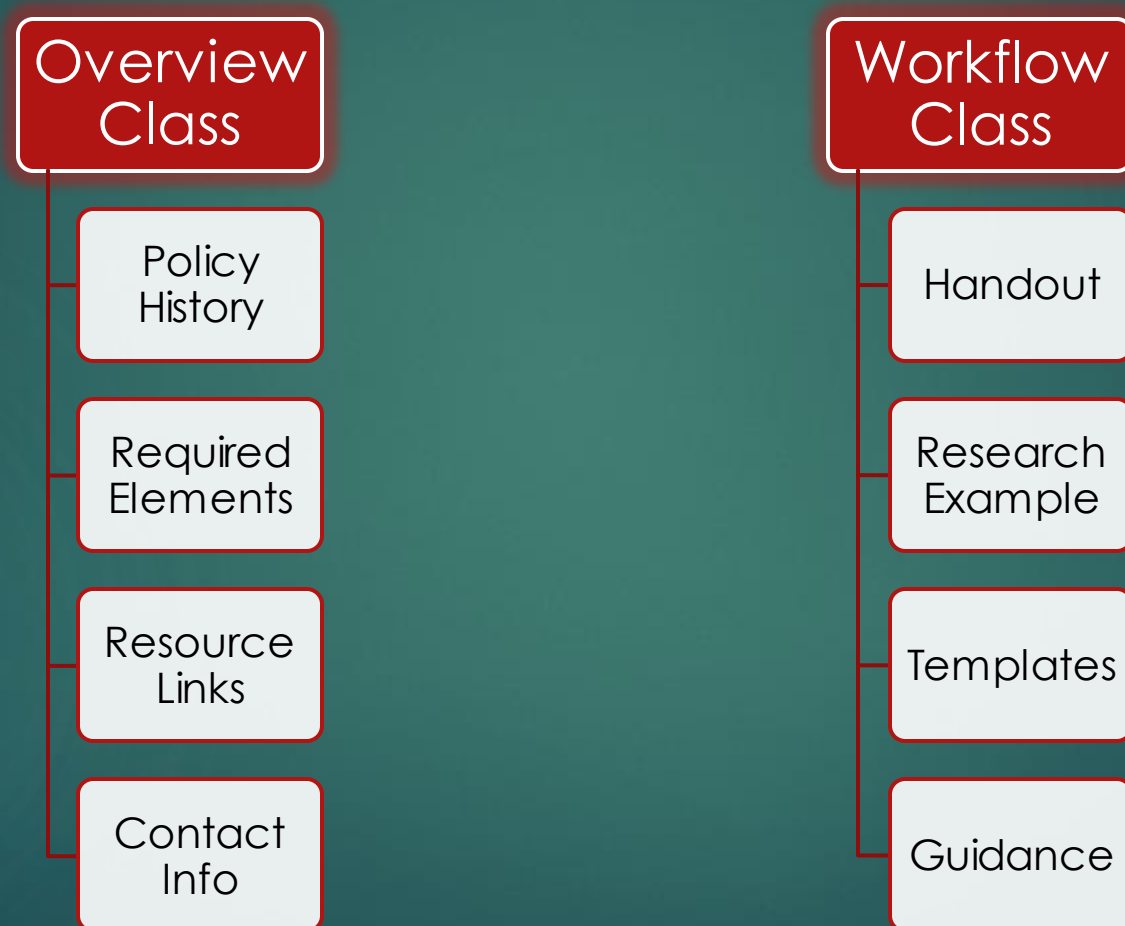
Overview
Class

Workflow
Class

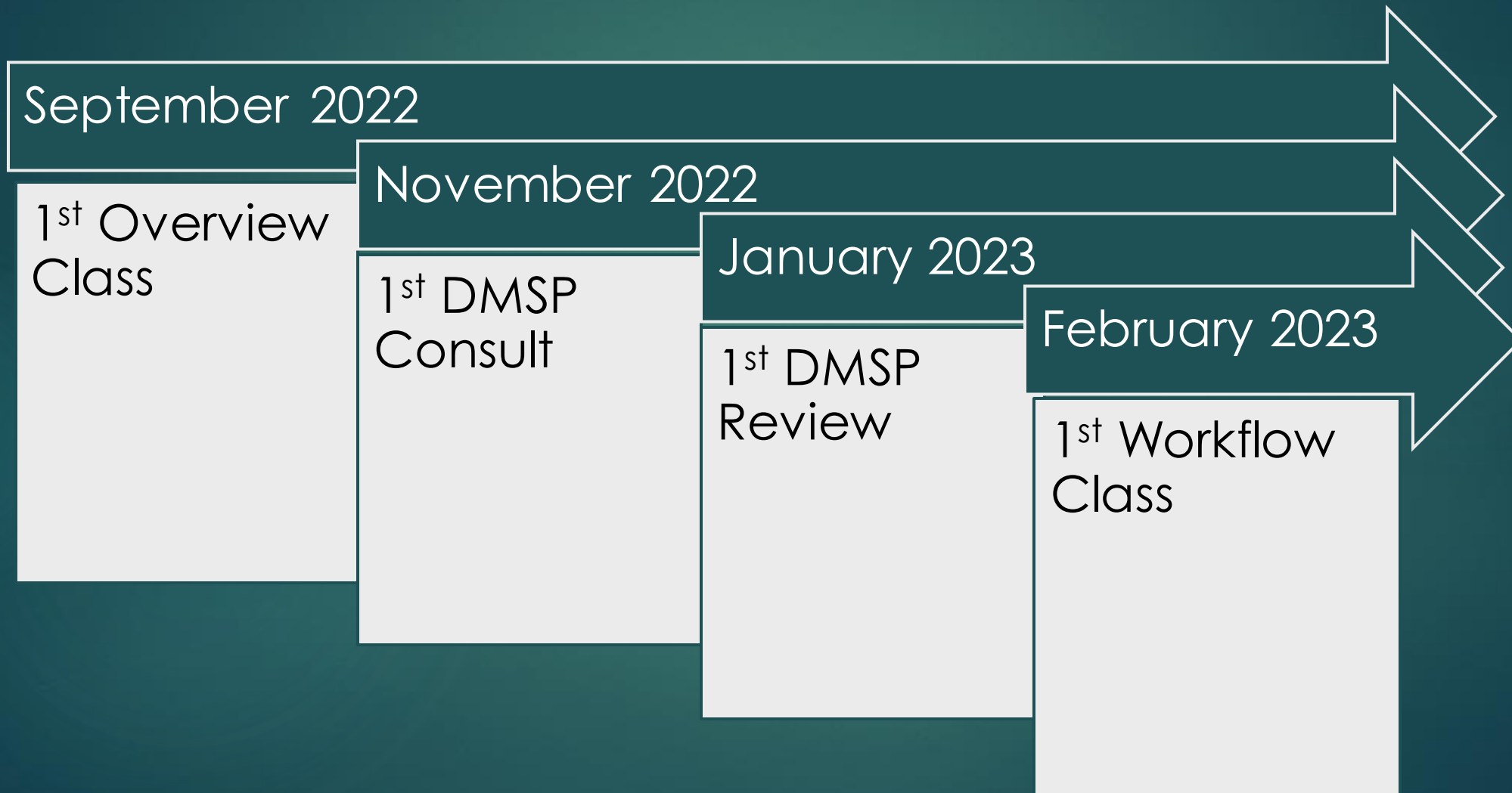
Library Classes



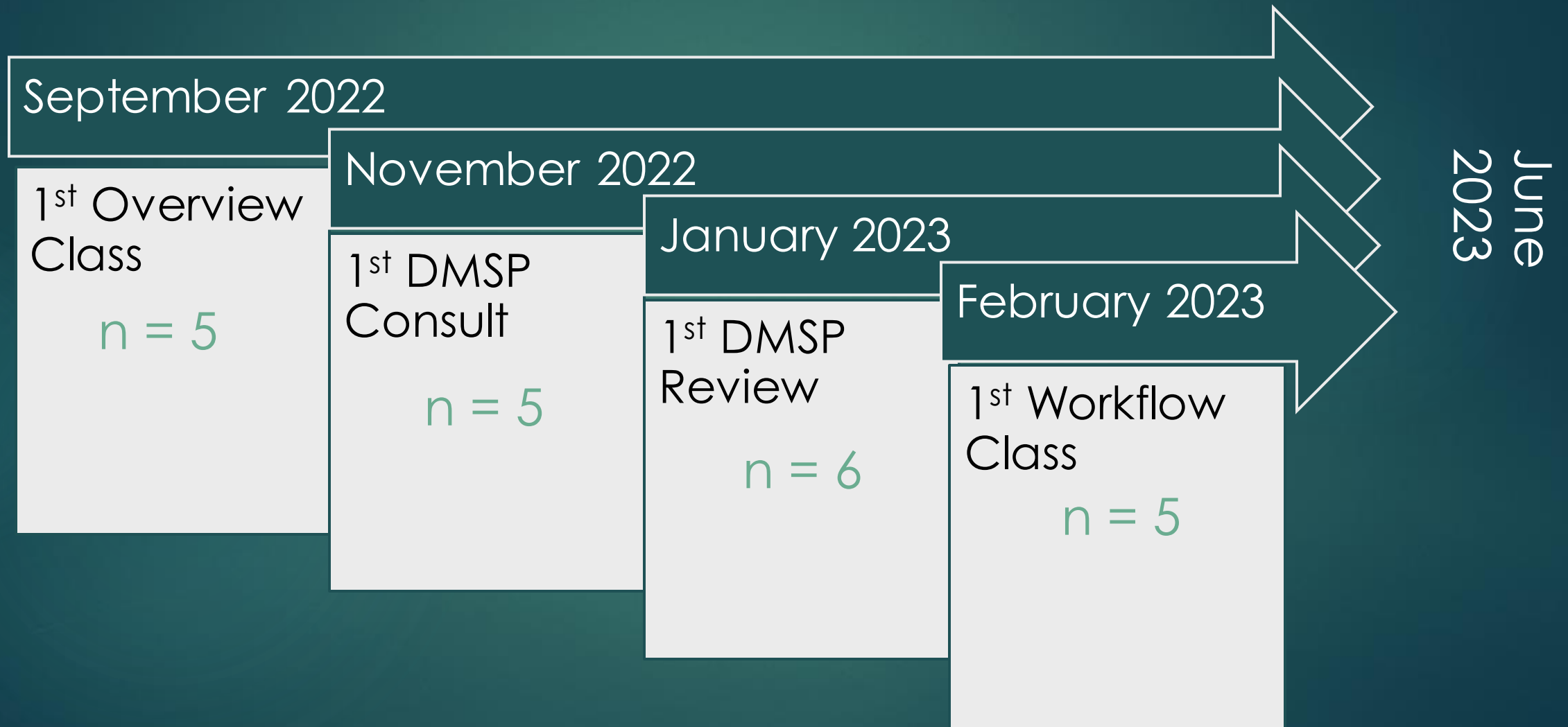
Library Classes



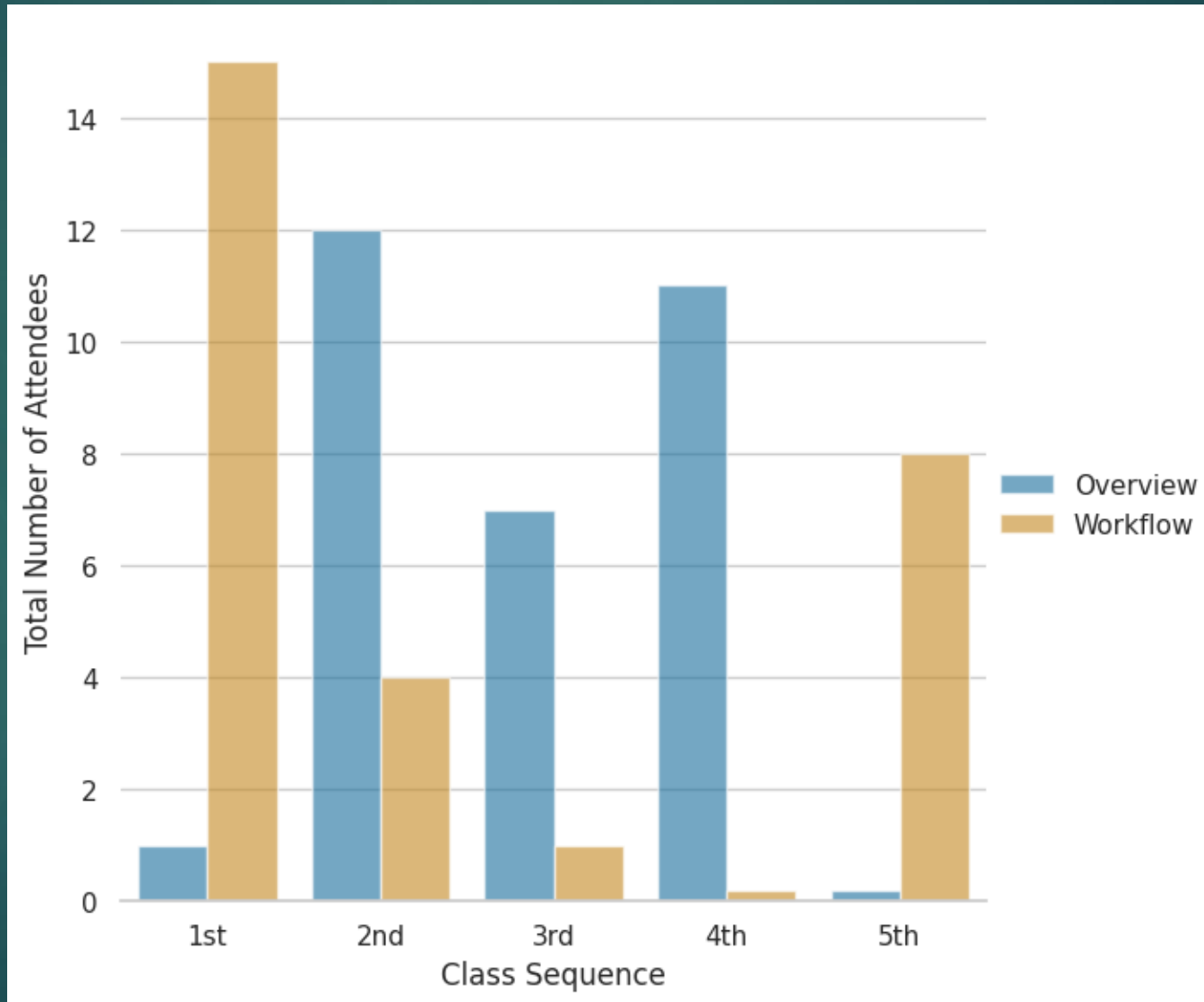
Timeline



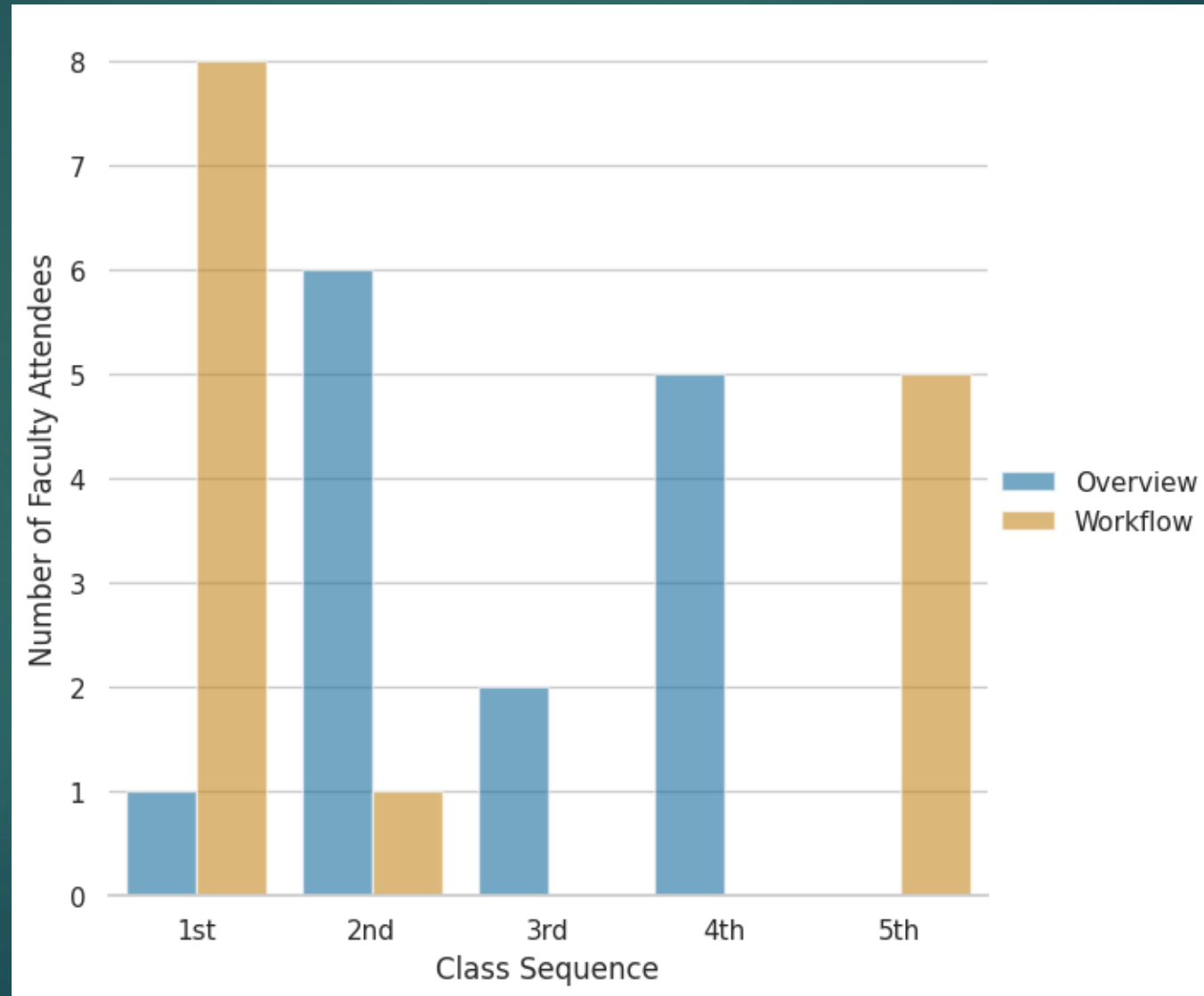
Timeline



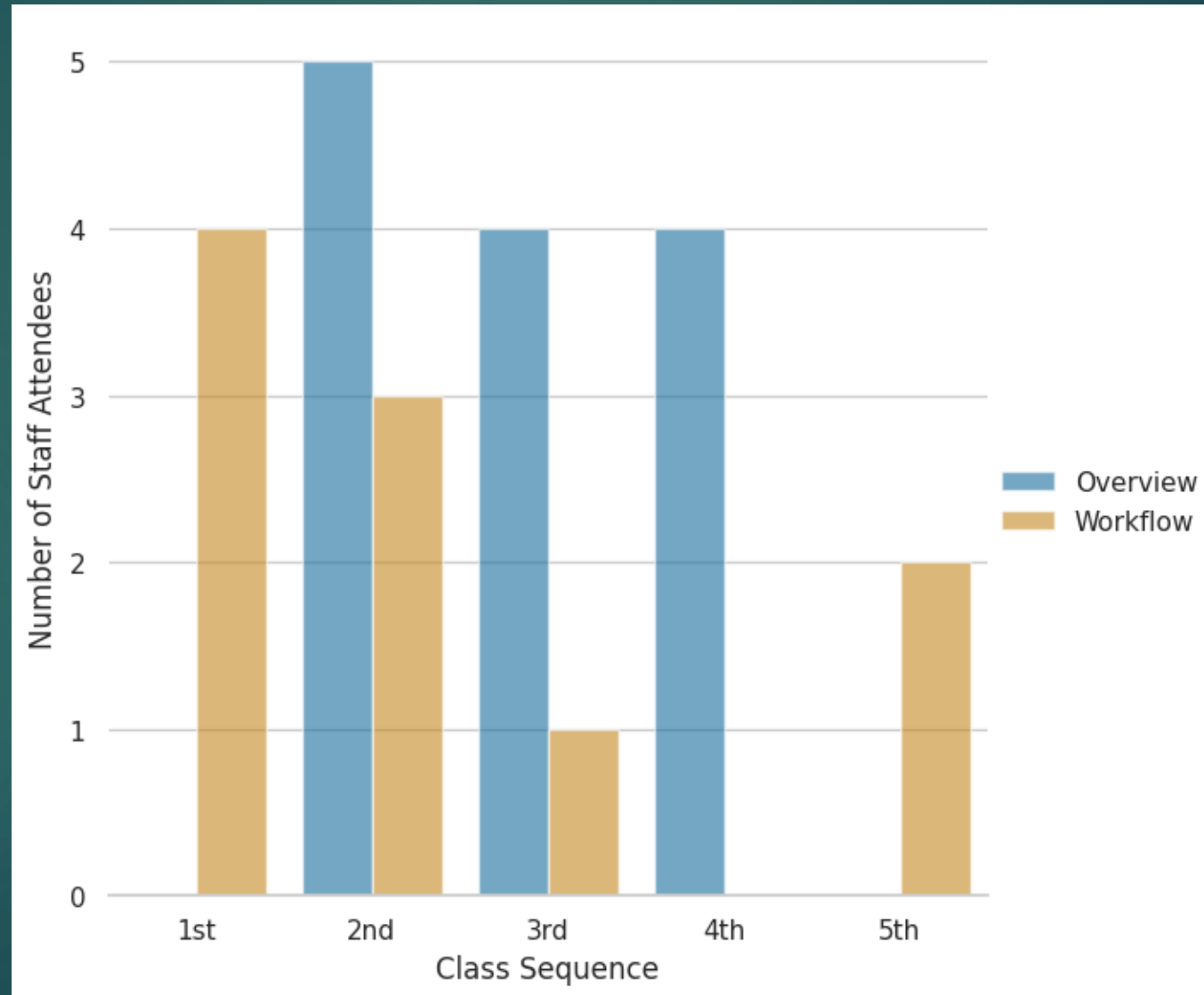
Class Comparison: Attendance



Class Comparison: Faculty

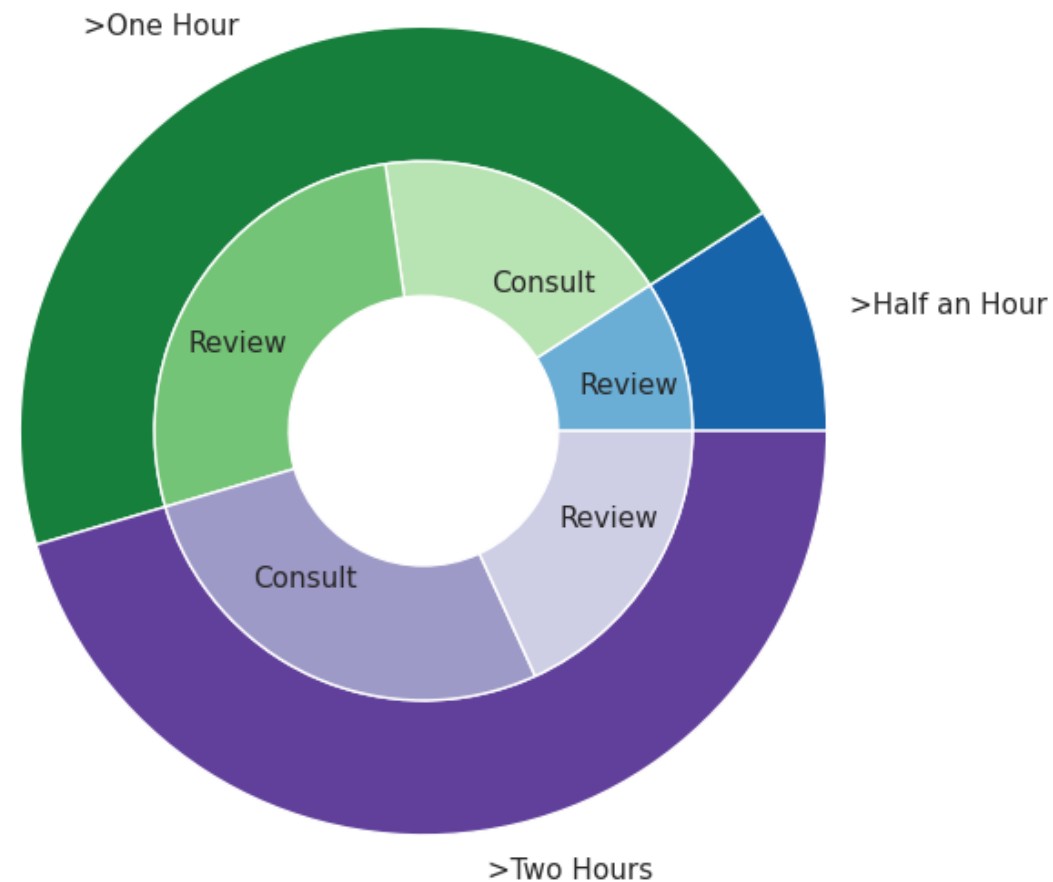


Class Comparison: Staff

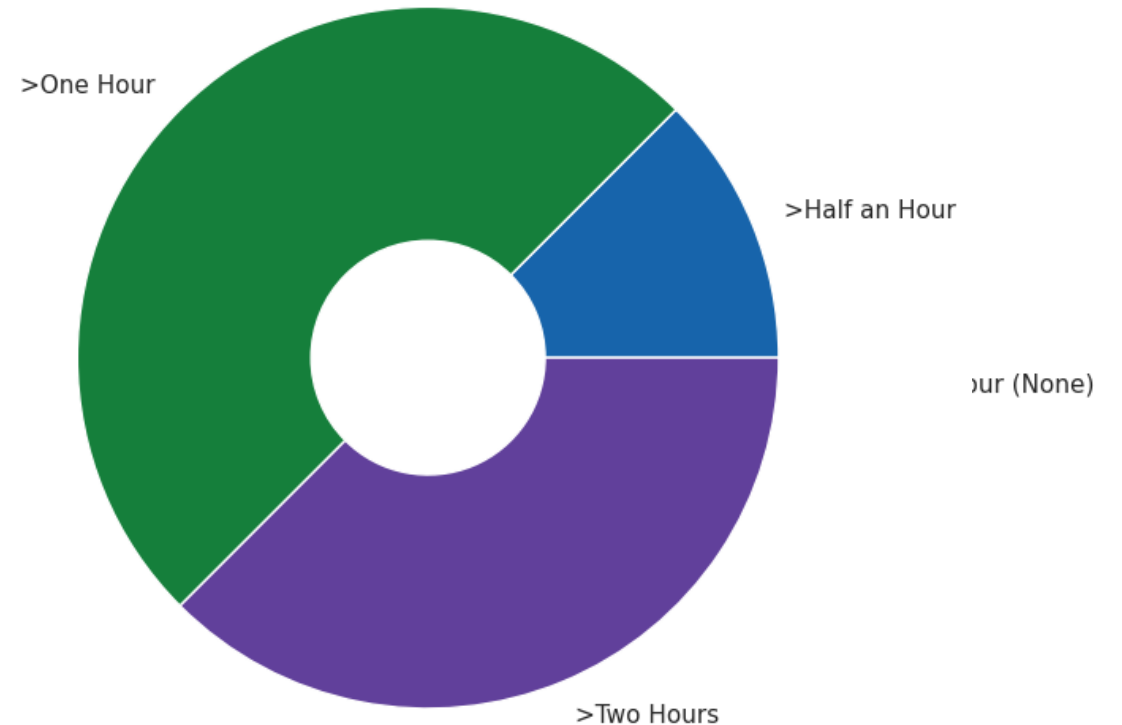


Librarian Time: Post-Class Interactions

- ▶ Data Services Librarian Mean Time Spent:
1 hour 5 minutes / n = 12



Librarian Time: Before/After Workflow



- ▶ Data Services Librarian Mean Time Spent:
▶ 1 hour 19 minutes / n = 4

1 hour 0 minutes / n = 8

Conclusions

- ▶ Demographic groupings suggests that the workflow class better framed faculty needs.
- ▶ The decrease in librarian time spent on consults and reviews may be a signal that the workflow class is improving learner outcomes and librarian efficiency.
- ▶ A future class iteration could update the overview class with recent changes, and target staff as an audience.
- ▶ Comparisons are limited by small sample size and confounding variables.

Thank you!

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Data for this presentation available here:

https://github.com/firbolg/MWMLA_NIH_DMS_2023