Library support for clinical and translational research: research data management and data science

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RESEARCHERS SUPPORTED BY CLINICAL AND TRANSLATIONAL SCIENCE AWARDS AND LIBRARIES

CTSA-funded research involves complex, multi-tiered projects implemented by staff with diverse tasks and skill sets. No one person can be expected to manage every step involved, and so librarians are natural partners. By providing targeted services and training, librarians can help CTSA staff do research better and faster.

To marry the needs of CTSA staff and the strengths of librarians involves wide-ranging conversations to identify strategic synergies between existing library services and pain points in CTSA projects. This partnership benefits immediate projects as well as the larger goal of translating new findings into practice.

NEXT STEPS FOR CUSHING/WHITNEY MEDICAL LIBRARY AND YALE CENTER FOR CLINICAL INVESTIGATION

- Present at a Lunch and Learn session hosted by Yale's CTSA-funded translational science institute, YCCI
- Schedule follow-up training sessions based on researcher requests
- Conduct outreach
- Present a research data management training session
- Educate Yale librarians about CTSA-specific needs and how they can use their existing skillsets with this audience
- Create an online presence for the library’s CTSA program
- Continue to assess researchers’ needs and our program’s impact

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RESEARCH PAYNUT POINTS AND LIBRARY RESOURCES

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<th>Common Pain Points</th>
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**LITERATURE SEARCHING AND RESEARCH QUALITY**

- Data support
- Common pain points
- Relevant resources

**PREPARING A PROTOCOL**

- Data support
- Common pain points
- Relevant resources

**DEVELOPING THE STUDY POPULATION**

- Data support
- Common pain points
- Relevant resources

**ONGOING STUDY**

- Data support
- Common pain points
- Relevant resources

**COMPLIANCE**

- Data support
- Common pain points
- Relevant resources

**SCHOLARLY COMMUNICATION**

- Data support
- Common pain points
- Relevant resources

**GETTING STARTED AT YOUR INSTITUTION**

Identify individuals to approach with questions and offers of support—perhaps starting at the website of your institution’s CTSA-funded translational science institute. You can also use databases like NIH RePORTER and FEDRIP to identify grants and individuals whose experiences will help you understand the skills and needs of local CTSA researchers. Approach them with an open mind and learn about their workflow, frustrations, and needs. Use these conversations to develop relationships; “close the loop” by returning to these stakeholders for continuous feedback as you develop your program.

Conduct a literature review to determine how other libraries have worked with CTSA researchers at their institutions.

Share information with colleagues; they may already be supporting some CTSA researchers as part of existing services. Consider the skills that librarians at your institution already possess that might help CTSA researchers solve problems.

**CITATIONS**


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