Team Teaching, Humor, and Informal Polling Techniques in NECDMC - Based Research Data Management Workshops at Brandeis University

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Introduction

Spring semester 2015, Brandeis Library & Technology Services Research and Instruction unit launched research data management workshops based on the NECDMC curriculum. The workshop lesson plan was very structured and closely modeled the NECDMC modules. The one-hour workshop was expected to consist of three sections:

- Co-presented material in unscripted lecture format
- NECDMC module’s hands-on exercises

In no workshop did we get to the hands-on exercises. This was due to the attendee’s concentration over lecture material and their questions on topics outside the scope of the workshop. We determined our descriptions of the workshop didn’t best convey the topics covered, and our emphasis on theory and best practices left listeners confused as to how the information applied to their own research.

However, we felt these discussions with attendees highlighted areas we could improve for the Fall semester’s iteration of the workshops. We conducted research into pedagogical techniques that would complement the material and mix of attendees. We came to the conclusion that three techniques could be incorporated to improve student engagement and material comprehension, and these techniques would complement a shift in focus from theory and best practices to best practices and Brandeis-specific solutions.

Team Teaching

One pedagogical technique we pursued was inviting instructors from another discipline to teach the workshops with us. We partnered with colleagues from the Technology Help Desk and Questions/Support sections from IT with The Desktop Systems Specialist from the Hardware Repair Shop and the Help Desk Intern. Their strengths in the areas of storing, backup, and security solutions were especially relevant. Collaborating on slide and lecture design alone provided valuable insights into the different approaches to research data management services. We were able to add depth of technical detail, whereas in earlier workshops the best we were able to provide was advice on further reading.

Our colleagues from IT expressed similar interest in the librarian approach and felt our expertise complemented their knowledge. The SLIS students working with us gained a better understanding of how their research could be affected by data management. They were able to apply their knowledge to their personal research.

Informal Polling

Extremely informal – no clicks or slogans, just several deliberately phrased yes or no questions placed throughout the workshop.

We encouraged instructors who indicated they had personal experience with the topic to share their stories. We instructed our own anecdotes to share, with the IT professionals contributing a wealth of user stories from adventures in desktop support and hardware repair. Did you know it’s possible to acquire internal water damage to your laptop’ hard drive in high enough humidity? We conducted research into pedagogical techniques that would complement the material and mix of attendees. We came to the conclusion that three techniques could be incorporated to improve student engagement and material comprehension, and these techniques would complement a shift in focus from theory and best practices to best practices and Brandeis-specific solutions.

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Works Consulted