

USING ACTIVE LEARNING TECHNIQUES TO ENGAGE ACADEMIC LIBRARIANS IN RESEARCH DATA MANAGEMENT

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WHAT WE DID

Take it to the next level

We taught a half-day workshop on Research Data Management as a part of Science Boot Camp West, 2014 in Seattle, WA. Our goal was to go 'beyond the basics' to a 200-level course, to challenge those who knew something on the topic without leaving behind people who lacked background knowledge.

WHY WE DID IT

Give the people what they want

A similar workshop on data librarianship was part of Science Boot Camp West 2013, in Boulder, CO. The instructors of that workshop collected feedback from participants that we analyzed for clues as to how to take a data management workshop to the next level:

"I wanted to hear what some people were already doing"

"I think by now most (science) librarians know about the data lifecycle, so the workshops could/should go beyond that"

"... have a variety of folks with various data experience... in a group plus a facilitator to lead the discussion"

Several said they wanted to hear more than the "basics," though what exactly that meant wasn't spelled out. Overall, it seemed like folks were more interested in hearing from each other than sitting in a lecture.



Created by Andrew J. Young from the Noun Project

HOW WE DID IT

Flipped workshop*

- Sent the "101" level materials in advance of the workshop
- 1st half of the workshop was a group activity, applying the 101 materials
 - Discuss creation of a data management plan for a given case study (one of three academic disciplines)
- 2nd half was a facilitated group discussion
 - We evaluated several polling software tools and decided on Poll Everywhere as people could respond by texting or accessing the poll from the web on a smartphone or laptop
 - Using this tool allowed everyone to participate and contribute, even those who didn't want to speak aloud
 - Immediate poll responses provided a jumping off point for a rich back and forth amongst the participants on a variety of topics



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DID IT WORK?

We received 28 assessments, the mean value of the workshop was rated 4.5/5

But don't take our word for it:

"WONDERFUL ENGAGEMENT OF ALL PARTICIPANTS. LOVED THAT IT WAS INTERACTIVE, NOT JUST A LOT OF TALK."

"EXCELLENT! WE DON'T PROVIDE DATA MGMT SERVICES IN MY LIB, BUT IF IT COMES UP I'M HAPPY TO BE ABLE TO TALK ABOUT IT INTELLIGENTLY NOW."

"GOOD DISCUSSION USING THE POLLING TOOL"

"USE OF SURVEY QUESTIONS WAS GOOD. CREATED SOME GOOD DISCUSSION."

"I REALLY LIKED THE GROUP WORK WE DID IN THE DATA MANAGEMENT WORKSHOP."

*Flipped Workshop is a play on the term flipped classroom:

The flipped classroom is a pedagogical model in which the typical lecture and homework elements of a course are reversed. The notion of a flipped classroom draws on such concepts as active learning, student engagement... The value of a flipped class is in the repurposing of class time into a workshop where students can inquire about lecture content, test their skills in applying knowledge, and interact with one another in hands-on activities." [Educause Learning Initiative. "7 Things You Should Know About Flipped Classrooms." Educause Library. <http://www.educause.edu/library/resources/7-things-you-should-know-about-flipped-classrooms> [accessed Feb 23, 2015.]]

THANKS!

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REFERENCE!

Our poll questions:
tinyurl.com/m9hvrue