Biomedical Research Data Management Open Online Education: Challenges & Lessons Learned

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DEVELOPING OPEN ONLINE COURSEWARE

**Challenges**

**Curriculum**
Outdated materials in a format designed for in-person instruction

**Audience**
Content focused on teaching data management to librarians

**Software**
Open source platform (WordPress) with limitations and restraints

**Lessons Learned**

**Curriculum & Delivery**
Teaching method influences curriculum and content should not be developed in isolation from the teaching method

**Audience & Content**
Content is dependent on audience and supplementary content can be used to bridge audience gaps

**Software & Technology**
Allow more time in the timeline for project team to work with new or unfamiliar technologies

Expanding the *New England Collaborative Data Management Curriculum* to create a fully accessible and interactive open online course. This course will provide training to librarians, researchers, biomedical undergraduate and graduate students on recommended practices for facilitating the discoverability, access, integrity, reuse value, privacy, security, and long term preservation of biomedical research data.

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**NIH Big Data to Knowledg (BD2K)**

**9 MODULE CURRICULUM**

2-4 Short Video Lectures
Presentation PDF Slides
Actual Research Case Studies
Readings & Resources
Interactive Activities
Auto-Evaluated Quizzes

**DESIGN PROCESS**

PROJECT TEAM  EXPERT REVIEWERS  ADVISORY BOARD

PILOT  REVISIONS  LIVE COURSE OFFERING

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