

UMass Chan Medical School

eScholarship@UMassChan

Library Publications

Lamar Soutter Library

2016-11-20

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

Julie Goldman

University of Massachusetts Medical School

Et al.

Follow this and additional works at: https://escholarship.umassmed.edu/lib_articles



Part of the [Curriculum and Instruction Commons](#), [Library and Information Science Commons](#), and the [Online and Distance Education Commons](#)

Repository Citation

Goldman J, Martin ER. (2016). Biomedical Research Data Management Open Online Education: Challenges & Lessons Learned. Library Publications. <https://doi.org/10.13028/p0b9-7634>. Retrieved from https://escholarship.umassmed.edu/lib_articles/192

Creative Commons License



This work is licensed under a [Creative Commons Attribution-NonCommercial-No Derivative Works 4.0 License](#). This material is brought to you by eScholarship@UMassChan. It has been accepted for inclusion in Library Publications by an authorized administrator of eScholarship@UMassChan. For more information, please contact Lisa.Palmer@umassmed.edu.

Biomedical Research Data Management Open Online Education

Challenges & Lessons Learned



Elaine Martin
Harvard Medical School
HARVARD
MEDICAL SCHOOL

elaine_martin@hms.harvard.edu

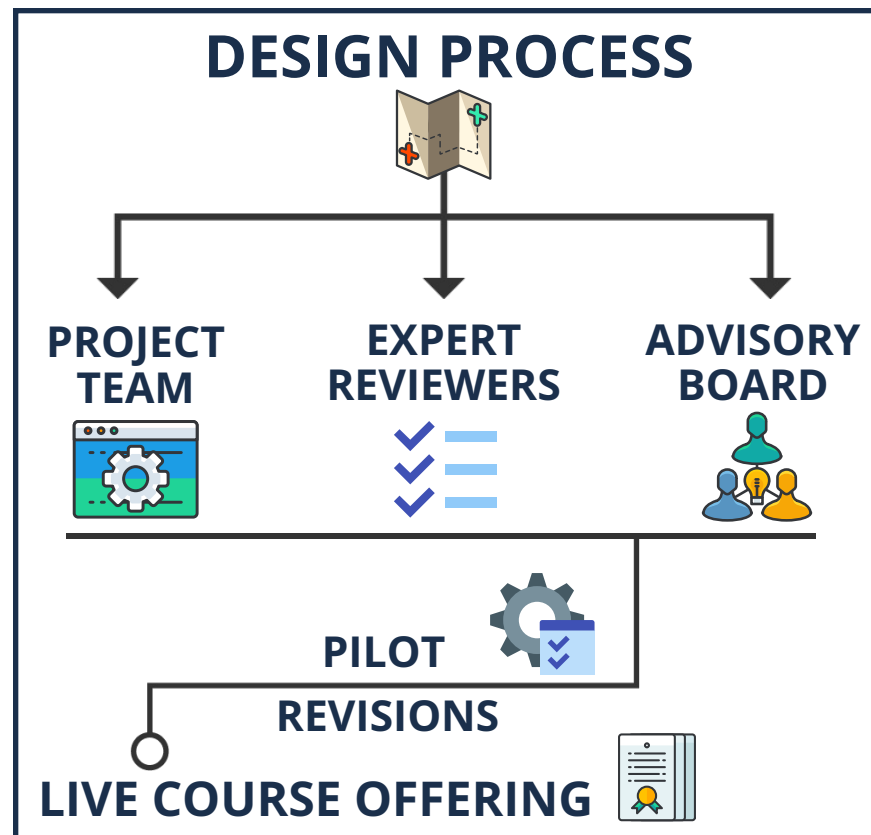
Julie Goldman
UMass Medical School
UMASS
Medical School

julie.goldman@umassmed.edu



PILOT USER

Interested? Contact Julie Goldman about becoming a pilot user in spring 2017!



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.



9 MODULE CURRICULUM



2-4 Short Video Lectures



Presentation PDF Slides



Actual Research Case Studies



Readings & Resources



Interactive Activities



Auto-Evaluated Quizzes



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Outdated materials in a format designed for in-person instruction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