BitCuratorEdu

UNC SCHOOL OF INFORMATION AND LIBRARY SCIENCE

EDUCOPIA INSTITUTE
Community Cultivators

Supporting and Sustaining Digital Curation Education

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http://bitcuratoredu.web.unc.edu/

Research Questions

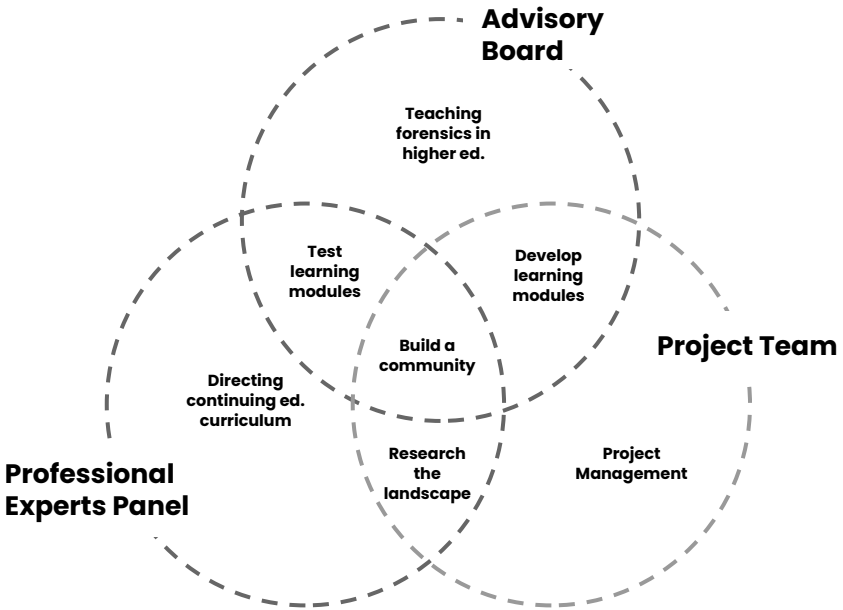
1. What are the primary institutional and technological factors that influence adoption of digital forensics tools and methods in LIS classes in different educational settings?

2. What are the most viable mechanisms for sustaining collaboration among LIS programs on the adoption of digital forensics tools and methods?

Project Deliverables

We will produce learning elements that support teaching and learning at least the following skills (and others, based on continuous community feedback):

- **creating disk images to ensure the completeness, authenticity and availability of data**
- **using cryptographic hashes for de-duplication and to identify, verify and authenticate materials**
- **generating metadata to document chain of custody and provide context to the material**
- **finding and locating sensitive information for further review, redaction or removal**
- **generating specialized reports to characterize contents of collections**



Communities and Partner Activities

- **Project Team**
- **Advisory Board**
- **Professional Experts Panel**

See the individuals involved at:
http://bitcuratoredu.web.unc.edu/

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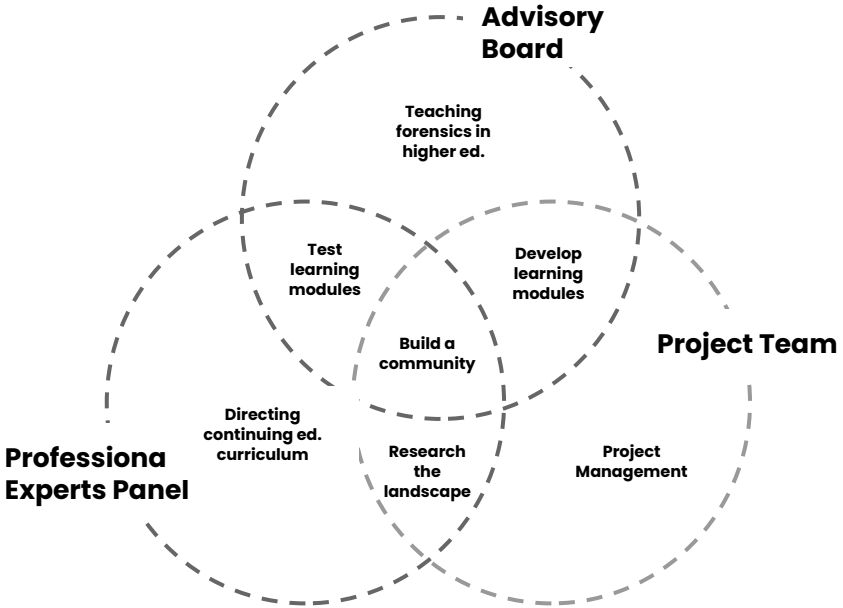
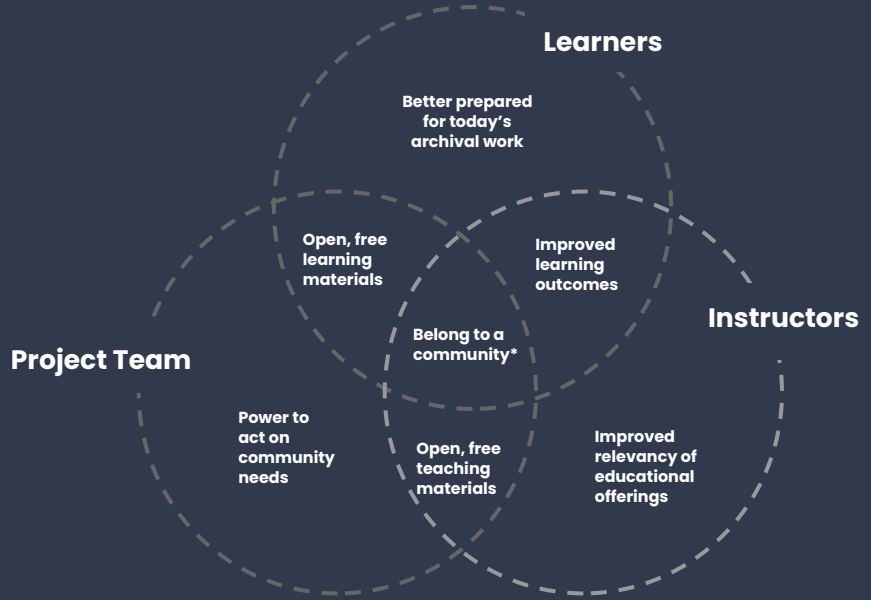
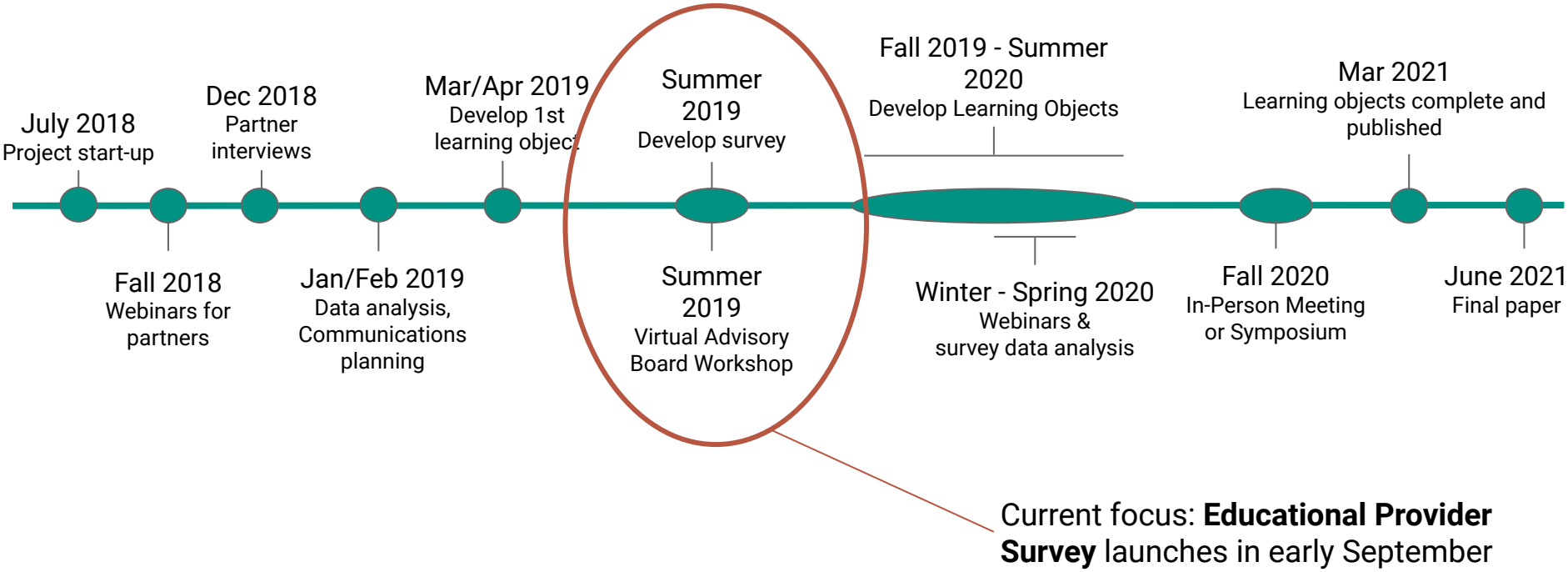


Community Outcomes



Project Timeline



Preliminary Findings from Year 1 of 3

1. **Instructors desire realistic datasets and mechanisms to connect students to real-world projects.**

2. **Prerequisite technology and troubleshooting skills vary dramatically across programs.**

3. **Institutions take a variety of approaches in provisioning necessary hardware and software to support hands-on activities.**

Open Resources

The project will produce a variety of open learning elements and other resources on a rolling basis. All finalized resources are shared at http://bitcuratoredu.web.unc.edu/resources/ and anyone can contribute!

Sept. 2018	Jan. 2019	April 2019	May 2019 +	Sept 2019 +	2021
Project Partner Webinars	**Datasets hub**	**User testing**	**Webinars**	**Learning elements**	**White paper**
Intro to BitCurator & BitCurator NLP for Educators ***Intro to BitCurator for IT Professionals***	Brought datasets that can be used in hands-on learning and experimentation together on the BitCurator Consortium wiki.	Created a user testing template for the BitCurator Quick Start guide for users to report where they encounter barriers to getting started.	***Intro to BitCurator for Museum Professionals*** ***BitCurator for State Archives (Sept. 2019)*** ***Curating Potentially Sensitive Information in Digital Collections (Jan. 2020)***	PII lesson outline and slides	

BCC Connections

- BitCuratorEdu resources often relevant across fields (i.e., IT professionals webinar, datasets)
- Elements will be designed with as broad an audience in mind as possible
- Final deliverable vision includes “pathfinders” for different skill focuses, complexity levels, institutional contexts
- Faculty/Advisory Board eager to connect with BCC members - opportunities to collaborate on BCC webinars, bring in guest speakers, or even partner on a student project

How to get involved

- Partner with a faculty member to administer a student project using your born-digital collection material
- Share learning elements or lessons you've created
- Partner to develop and deliver a BitCuratorEdu webinar for your organization or community
- General feedback welcome at jess.farrell@educopia.org

Discussion Questions

- What types of instructional resources might help you the most?
- What gaps in digital curation knowledge do you perceive recent grads to have?
- Are there barriers to you partnering with an instructor to have students work on collection material? If so, what are they?
- Any other reactions or feedback welcome!

Thank you!

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