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Establishing an Electronic Theses Repository using Digital Commons

Deborah L. White
Pittsburg State University

Yumi Ohira
University of Nebraska at Omaha, yohira@unomaha.edu

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Establishing an Electronic Theses Repository using Digital Commons

Deborah L. White, MLIS
Digital Resources & Initiatives Manager
Pittsburg State University

Yumi Ohira, MFA, MLS
Digital Initiatives Librarian
University of Nebraska - Omaha

November 4th, 2016



Agendas

- Introduction
- Advantages and disadvantages of Bepress DC and CDM
- ETD Workflows - PSU, FHSU, (UNO)
- Conclusion

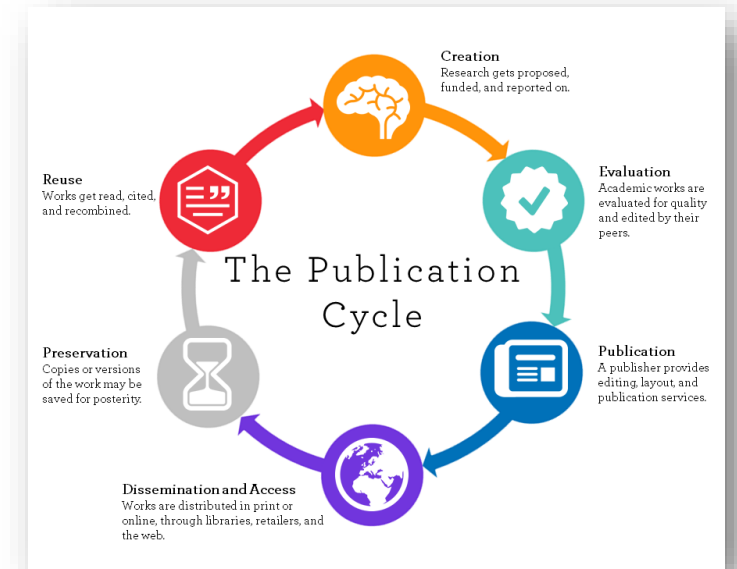
Institutional Need for an IR

What is an IR?

- Collecting, preserving & disseminating scholarship
- Publish & showcase institutional scholarship

Role of an IR

- Manage open access to digital content produced by the university
- Encourages knowledge sharing
- Permits quick and easy dissemination of scholarship across institutions



Pittsburg State University



Pittsburg State
University

- **CONTENTdm**
- Launched **Digital Commons** September 2015 & Announced December 2015

Fort Hays State University



FORT HAYS STATE
UNIVERSITY

Forward thinking. World ready.

- **CONTENTdm**
- Launched **Digital Commons** December 2015 & Announced January 2016

Why bepress™ Digital Commons?

Digital Commons

Dspace

Eprints

Fedora

Islandora

...



Positive Benefits

- ✓ Customer support
- ✓ Intuitive interface
- ✓ Cloud-based
- ✓ Preservation – LOCKSS
- ✓ Unlimited storage
- ✓ Usage reports

CRITERIA	CONTENTdm	Bepress DC
Open Source/Proprietary	Proprietary	Proprietary
Software or Hosted Service	Hosted Service	Hosted Service
Support Available	YES – via CDM	YES – via Bepress (email, phone, resources, and community support)
Content File Formats	Some	All
Metadata Standard	Simple and Qualified Dublin Core and customizable metadata	Simple and Qualified Dublin Core and customizable metadata
Syndication (RSS, etc.)	NO	YES
Statistical Reporting	YES	YES
Design Rationale for IR – Flexibility	NO	YES
Design Rationale for IR – Accessibility	YES	YES
Design Rationale for IR – Interoperability (OAI-PMH)	YES	YES
Implementation Technologies (Scripting language, Database, Operating System)	N/A: hosted (System requirements: Linux/Windows)	N/A: hosted
Storage	YES, but costs \$ over 196,000 items	NO (unlimited storage)
Batch processing	YES	YES
Journal Publishing	NO	YES

The screenshot shows the FHSU Digital Collections @ Forsyth Library interface. The top navigation bar includes links for FHSU Home, Forsyth Library Home, Digital Collections Home, Theses Collection Home, Browse Theses Collection, About Us, and FHSU Scholars Repository. A search bar is present with a search button and an advanced search link. Below the search bar, there are options to add or remove other collections to the search, including Master's Theses Collection, Academic Leadership Journal, Benjamin Franklin Collection, Borsano Collection from the Sternberg Museum, and Campus Art Collection. A 'Narrow your search by' section allows filtering by Degree Program, Author, Date Original, and Subject keywords. The main content area displays a list of items, with several marked as 'Restricted file'. A 'Follow' button is visible next to the search bar. Below the screenshot is a banner for Pittsburg State University Library Services Digital Commons. The main page content features the heading 'ELECTRONIC THESIS COLLECTION' and a 'Jump to:' dropdown menu set to '2016'. A list of theses/dissertations from 2016 is displayed, including titles like 'EFFECT OF SURFACTANT ON STRUCTURAL AND ELECTROCHEMICAL PROPERTIES OF NICKEL OXIDE' and 'BIOSENSORS DERIVED FROM COPOLYMERS OF VINYL FERROCENE WITH VARIOUS PARA-SUBSTITUTED PHENYL MALEIMIDES'. A right sidebar contains navigation links for Browse, Search, and Author Corner, along with a 'Notify me via email or RSS' option.

Why **ETD**?

Electronic **T**hesis and **D**issertation

Benefits of ETDs for both students and institutions

- ✓ Improve access to scholarly research
- ✓ Free publicity for their research
- ✓ Reduced costs for the students



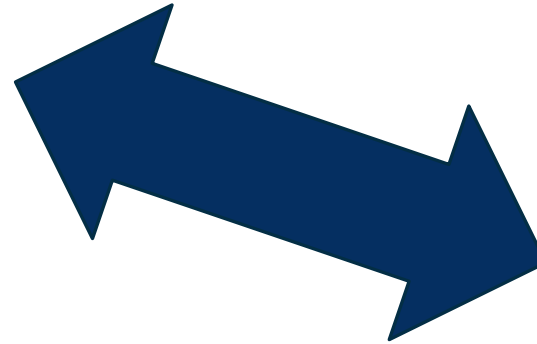
Library

 bepress™
Digital Commons

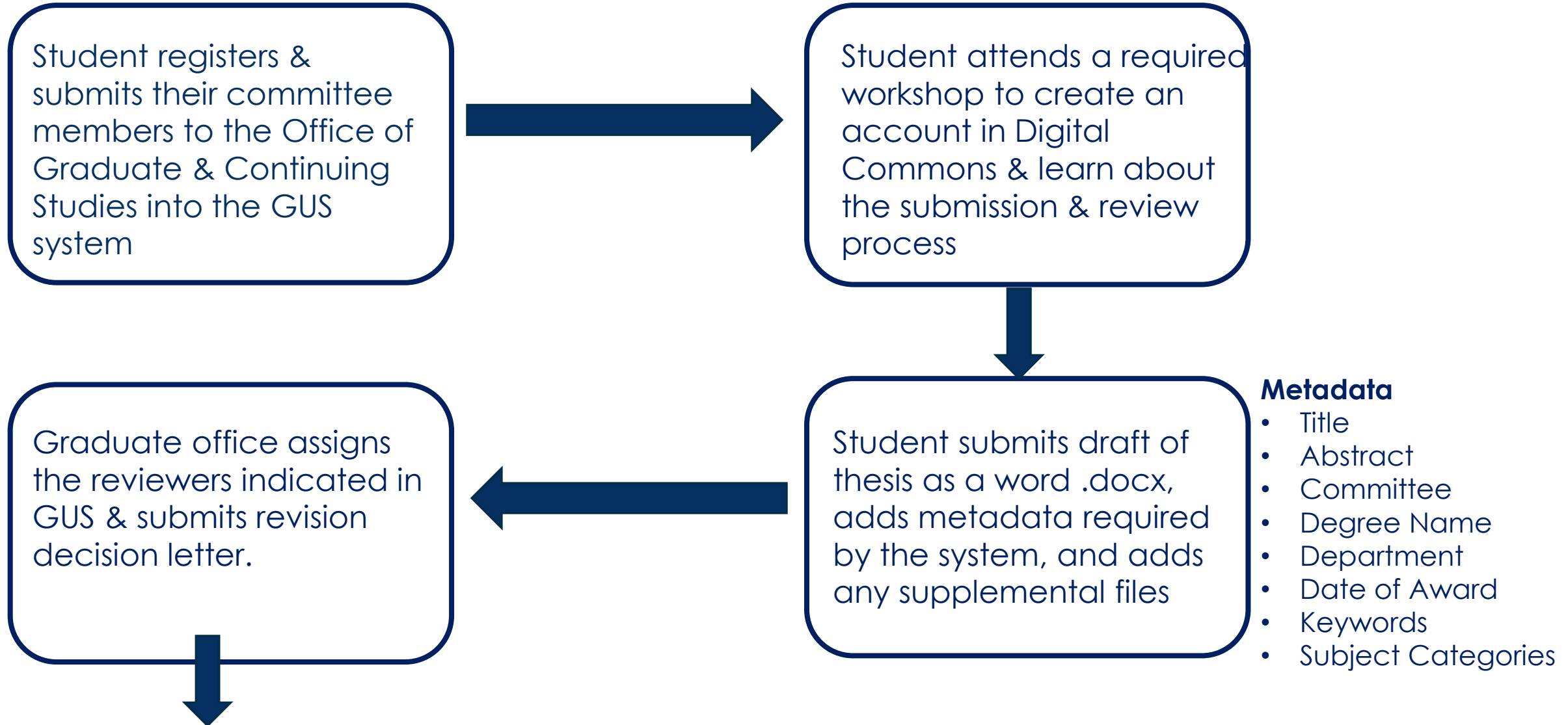
ETD Partnership

**Graduate
School**

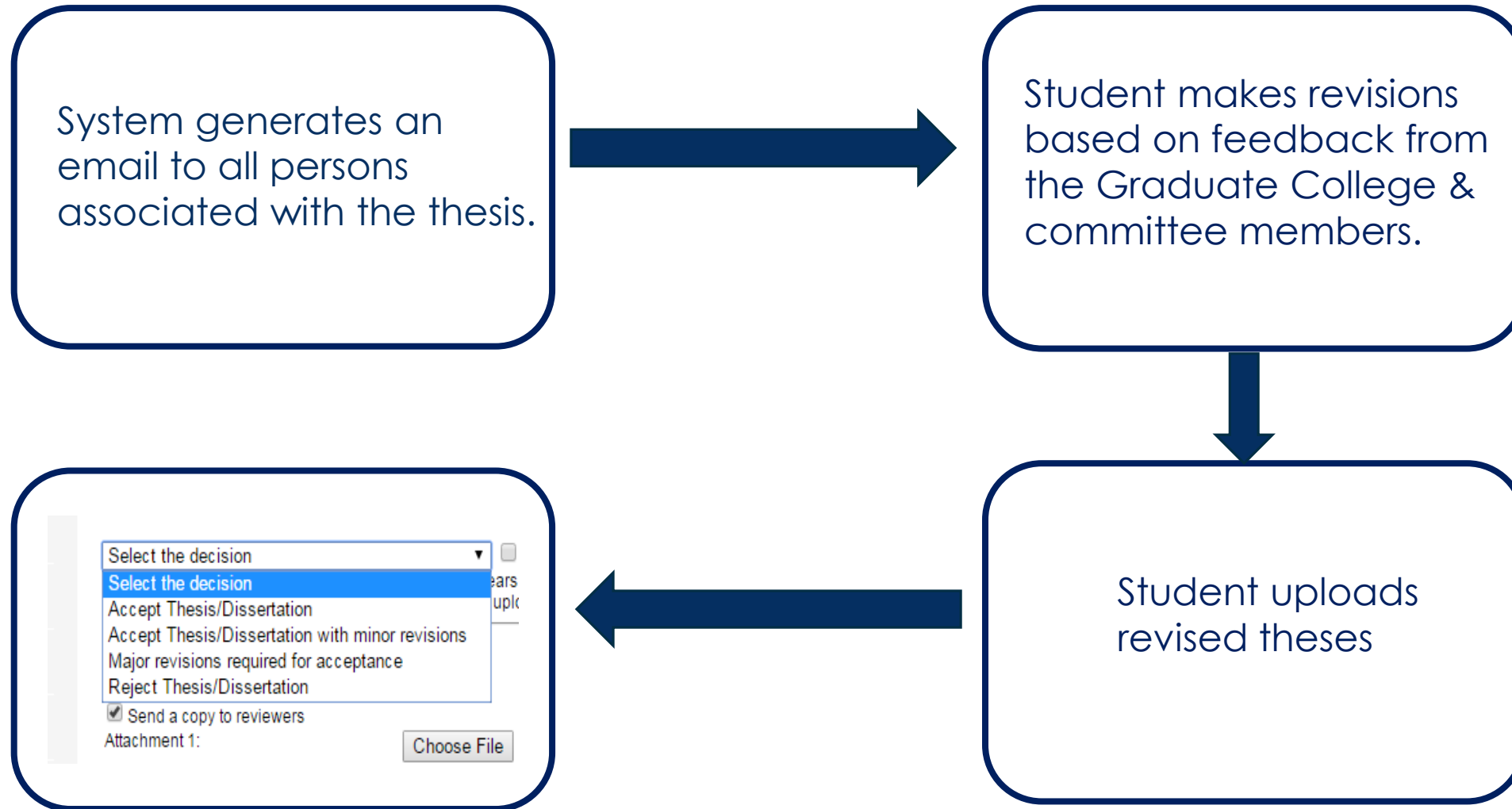
 ProQuest®



Current ETD Workflow at PSU



Review Workflow at PSU



Review Workflow at PSU

- All committee members must register a decision in order for the thesis to be made available online
- Embargos:
 - Administrative note is added
 - Thesis is Locked by the Administrator
 - Max embargo is 3 years
- Graduate & Continuing Studies emails me to let me know that theses are ready to be made available in the system

Title: Test
Authors: Lauren Geiger
Last Event: Editor Note Added (Fri Oct 28 2016)
Waiting for Administrator: **Locked by Administrator:**
Manuscript: #1182 PDF

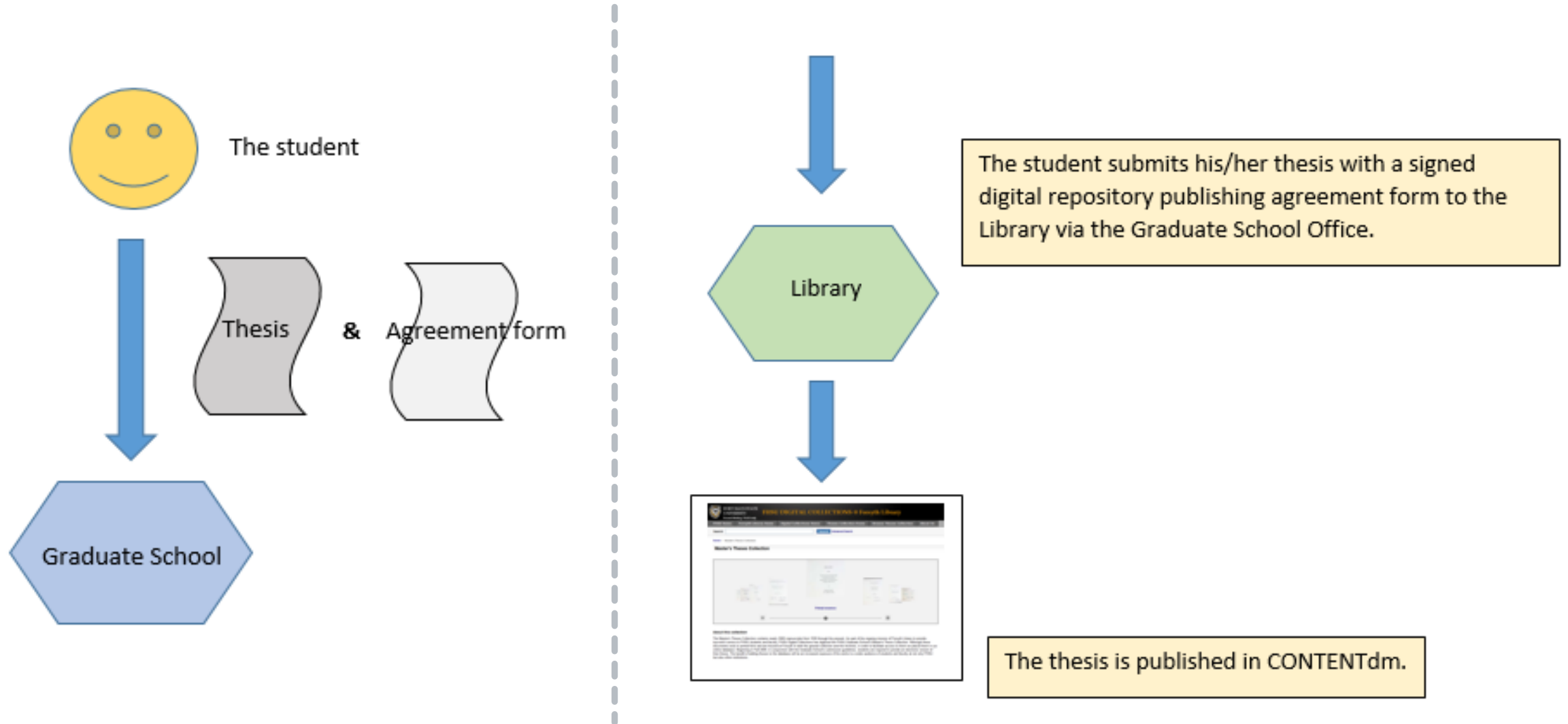
Download: PDF (title page added) (07/27/2016), 353 KB MAC_Article_rev.docx (21 KB)
read PDF modified for publication (force regeneration)

Most recent administrator note: Deborah L White 10/28/2016
Thesis has an embargo of 2 years. Release in June 2018.

Submission Metadata

Metadata Field	Value
Title	Test
Author	Lauren Geiger, Pittsburg State University

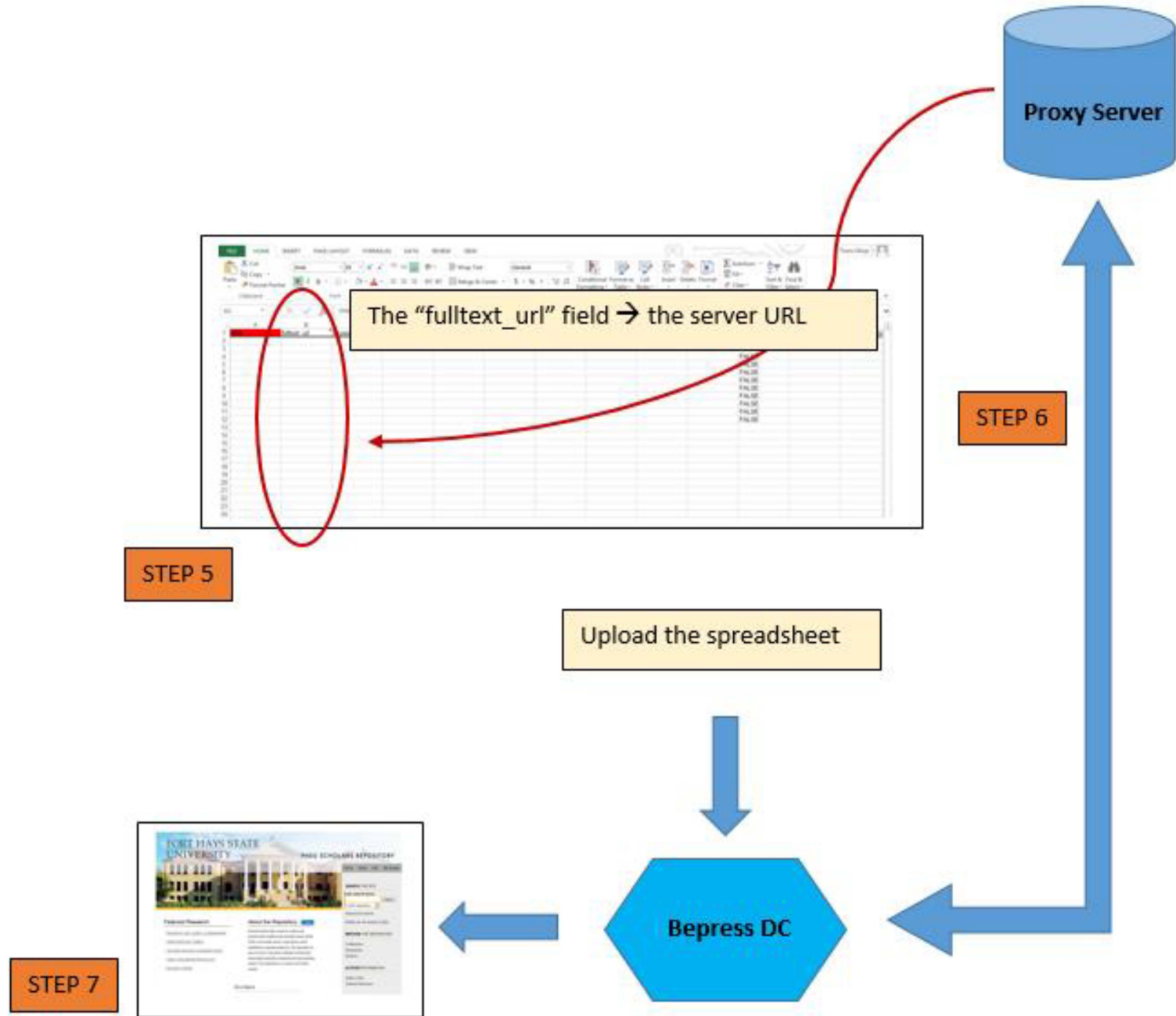
Current ETD Workflow at FHSU





STEP 4

Upload thesis materials from FHSU-NAS (Network-attached Storage), which functions for preserving CONTENTdm materials, to the campus proxy server

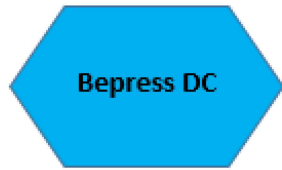




The student

The student electronically uploads his/her thesis and metadata to Bepress DC by accessing the submission function on the website.

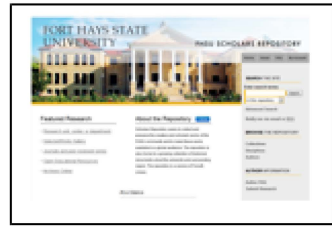
STEP 1



STEP 2



Electronical Agreement form



The Thesis is published in Bepress DC.

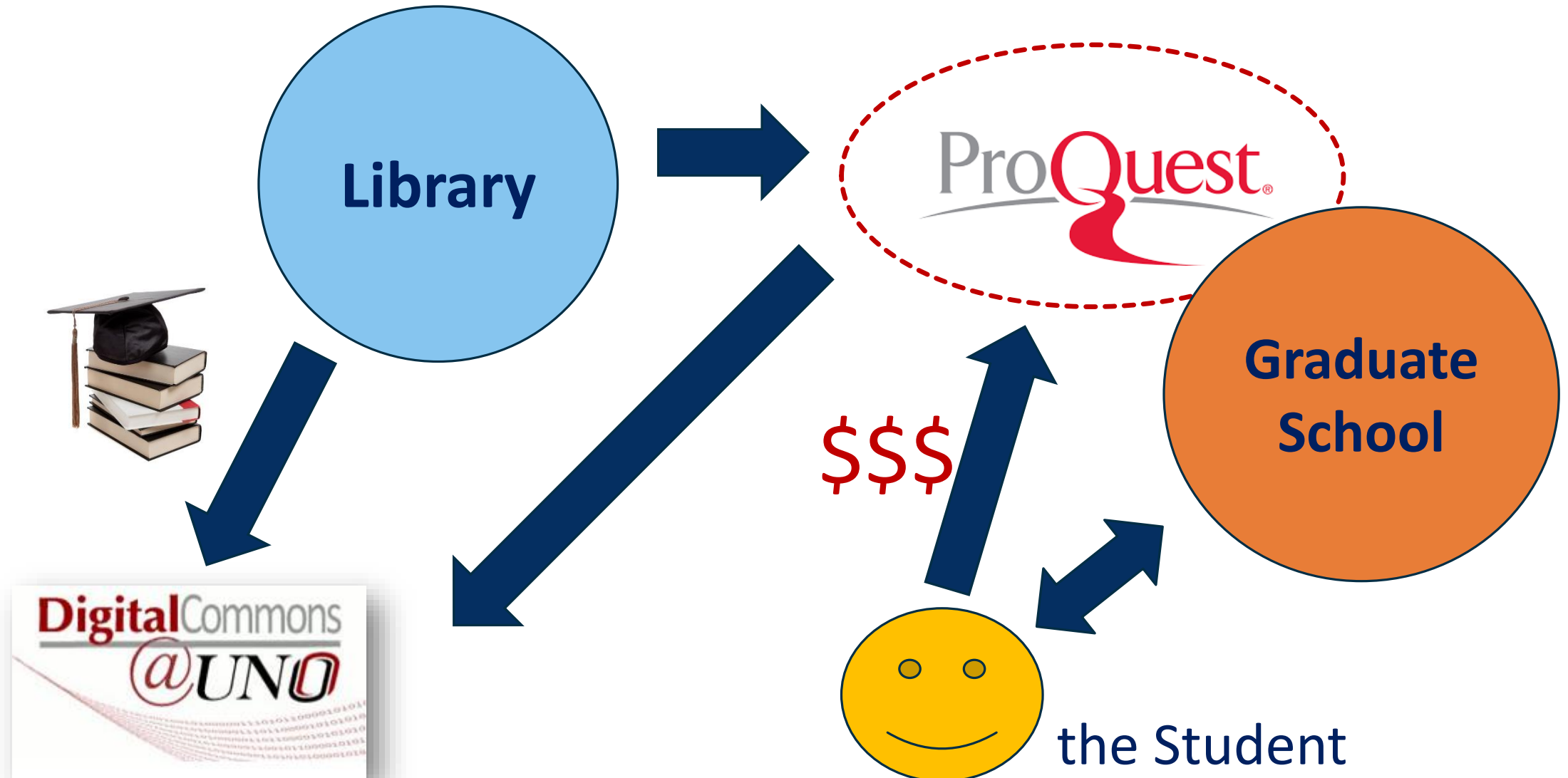
STEP 4

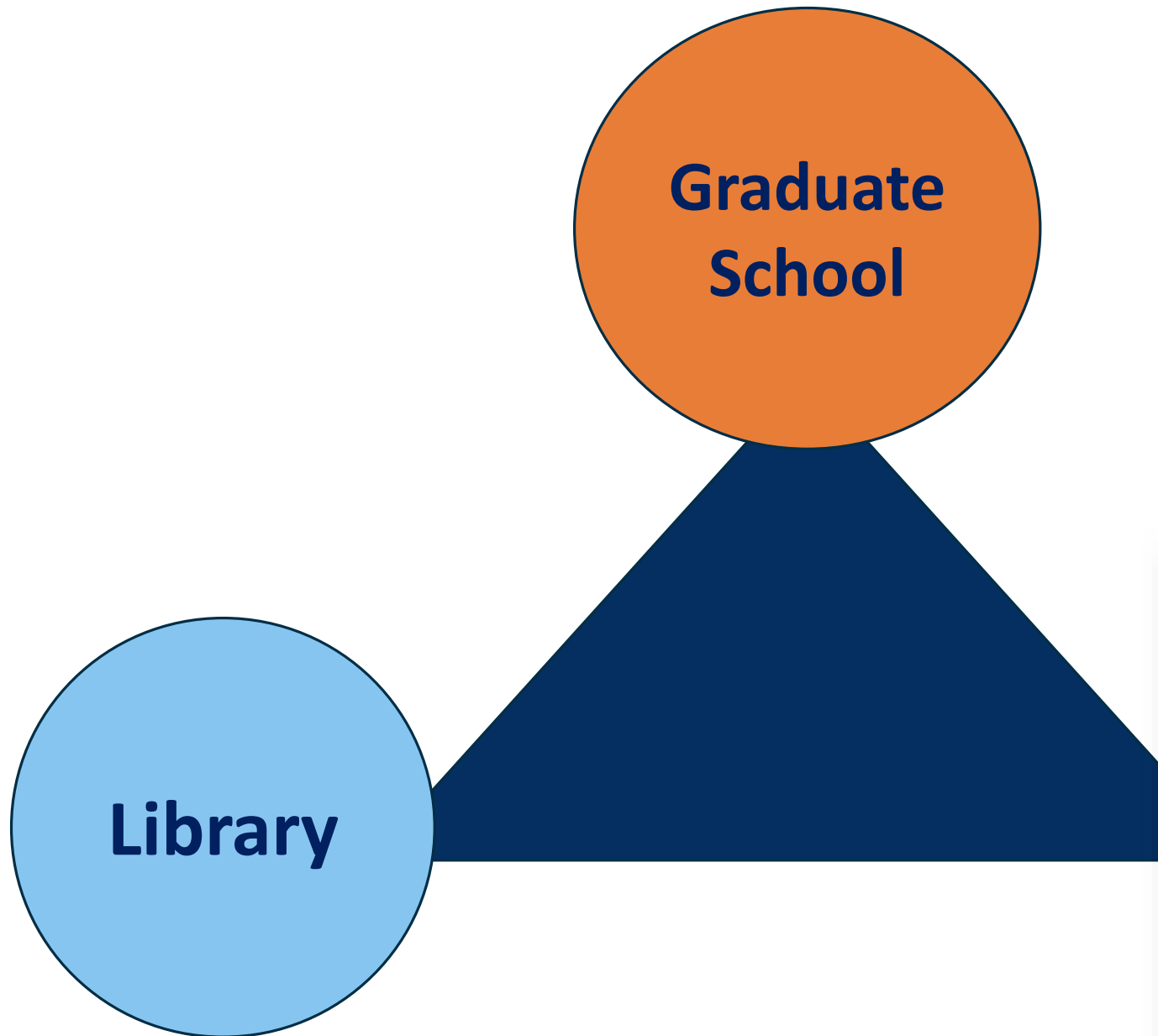


STEP 3

The Graduate School Office approves through the Bepress DC system.

Current ETD Workflow at UNO





Digital Commons @UNO

UNIVERSITY OF Nebraska Omaha

Biomechanics Research Building

The Biomechanics Research Building houses all research conducted by the Nebraska Biomechanics Core Facility, the Center for Biomechanics Research and associated programs.

[Visit site](#)

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DigitalCommons@UNO is a digital showcase of the research and scholarly output of the members of the University of Nebraska at Omaha community. The DigitalCommons@UNO repository is administered by the Dr. C.C. and Mabel L. Criss Library and serves as a permanent digital archive for these materials. Members of UNO's academic community are invited to contribute their scholarship to DigitalCommons@UNO. See our [About](#) page for more information.

At a Glance

Search

Enter search terms: Search

[in this repository](#)

Advanced Search

Notify me via email or RSS

Links

University of Nebraska Omaha
Dr. C.C. and Mabel L. Criss Library

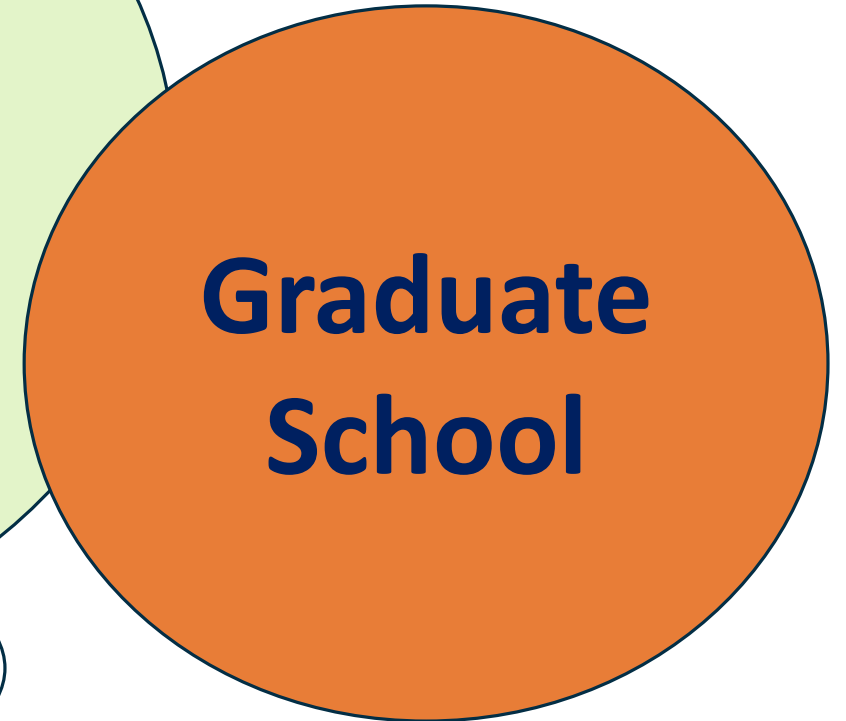
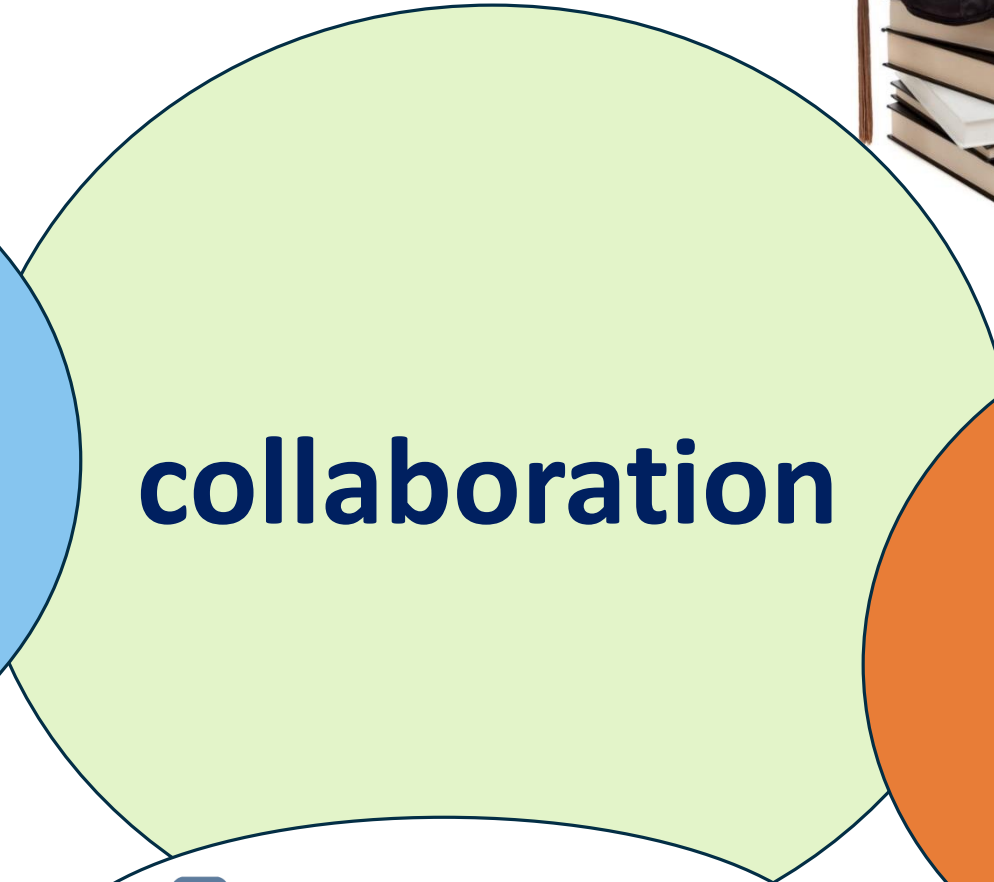
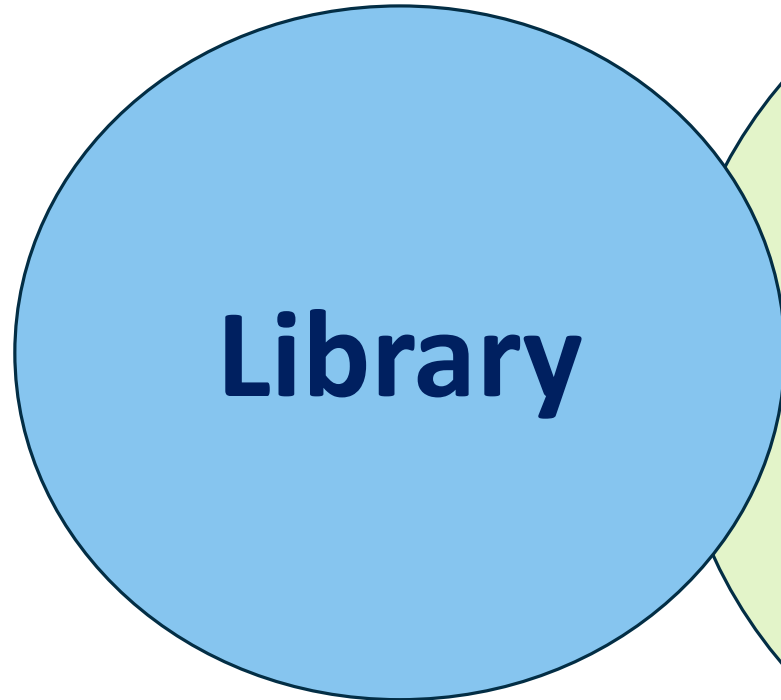
Browse

Collections
Disciplines
Authors

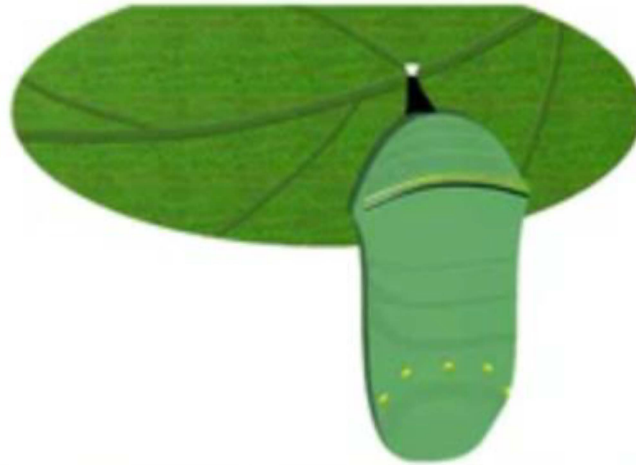
Author Corner

Author FAQ
Submit Research
SelectedWorks Page Request Form

Conclusion



ETD Lifecycle and Workflows



Student
drafts ETD;
advisers
review it

Graduate
School
approves
ETD

ETD is
published on
the web

“Emerging Trends in ETD Publishing Models: A Bird's Eye View”, Dave Seitz, bepress. <http://digitalcommons.bepress.com/webinars/71/>



Deborah L. White, MLIS, dlwhite@pittstate.edu

Digital Resources and Initiatives Manager, Pittsburg State University

Yumi Ohira, MLS, MFA, yohira@unomaha.edu

Digital Initiatives Librarian, University of Nebraska - Omaha



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November 4th, 2016

