

EAD/Archives Integration



Erin Faulder, Archivist for Digital Collections, Tufts University
Chris Awre, Head of Information Services, University of Hull

**What is being done to integrate a searchable collection of EAD finding aids with a digital asset repository?
What is in the works for future / better integration?**

What is being done...

- CIDER at Tufts University
- Blacklight and archival metadata at University of Hull
- ArcLight at Stanford: <https://wiki.duraspace.org/display/hydra/ArcLight>
- Yale's Kissinger Papers project
- U-M Bentley's ArchivesSpace/Archivematica/DSpaceHydra integration: <http://archival-integration.blogspot.com/>
- ArchivesSpace Public Interface enhancement: <https://archivesspace.atlassian.net/wiki/display/ADC/Public+Interface+Enhancement+Project>
- Hydra Archivists Interest Group: <https://wiki.duraspace.org/display/hydra/Hydra+Archivists+Interest+Group>

Archives and Repository Integration

Tufts University
Digital Collections and Archives

Erin Faulder
HydraConnect 2015

System to system

Collection
Management
System

CIDER archival
description

- Collection
- Item (FRBR)

System of
record

Push (meta)
data

Tufts
Repository
Systems
Tufts Digital Library

- EAD
- Digital Object

Preservation
and

for all metadata

access system

CIDER

Collection description

CIDER

[Browse](#)

[Search](#)

[DCA Documentation](#)

— MS223 Amory Nelson Hardy photographs, 1883–1885-05

COLLECTION

— MS223.001 Amory Nelson Hardy photographs, 1883–1885-05

SERIES

MS223.001.001.00001 Capen House, 8 Professors Row, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00002 Tufts railroad station, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00003 Ballou Hall, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00004 Goddard Gymnasium, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00005 East Hall, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00006 View of Tufts campus and construction of Barnum Hall, 1883–1884

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00007 Baseball game at Tufts, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00008 Packard Hall and East Hall, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00009 View of Tufts campus, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00010 Interior view of Goddard Chapel, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00011 Goddard Chapel, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00012 Barnum Hall, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00013 Daniel Pratt delivering a lecture to a group of men, 1885-05

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

MS223.001.001.00014 Ballou Hall, view through trees, 1883–1885

[DIGITAL OBJECT](#)

[PHYSICAL IMAGE](#)

CIDER

Item description

CIDER

[Browse](#)

[Search](#)

[DCA Documentation](#)

Welcome, efauld01

[Browse](#)

[Search](#)

[Sets](#)

[Import](#)

[Authority lists](#)

[Record contexts](#)

[Locations](#)

[Browse](#) > [MS223 Amory Nelson Hardy photographs, 1883–1885-05](#) > [MS223.001 Amory Nelson Hardy photographs, 1883–1885-05](#)

MS223.001.001.00001: Capen House, 8 Professors Row

[Next →](#)

Dates Circa 1883–1885

Location 39090016517274; data05

Type Image: Physical image (photographic prints); Digital object (image/tiff)

URL

Accession number 2015.021

Subject Headings

Topic Terms

- Houses (RK.226 (Single Built Works))

Geographic Terms

- Professors Row (THD Street on Medford Campus)
- Capen House (THD Building on Medford Campus)

Classes

Physical Image

Digital Object

Relationships rel:hasDescription tufts:UA069.001.DO.MS223; rel:isMemberOf tufts:UA069.001.DO.MS223

PID tufts:MS223.001.001.00001

Utilities

[Edit this object](#)

[Sets](#) >

[Export](#) >

[Children](#) >

[History](#) >

FRBR-style
description

Work
Manifestation
(s)

CIDER EAD exported

```
</p>
</processinfo>
<dsc type="combined">
  <c01 level="series" id="MS223.001">
    <did>
      <unittitle>Amory Nelson Hardy photographs</unittitle>
      <unitdate type="inclusive">1883-1885-05</unitdate>
      <physdesc>0.55 cubic ft., 1 digital objects</physdesc>
    </did>
    <arrangement>
      <p>
        This series is arranged according to preservation and storage needs.
      </p>
    </arrangement>
    <scopecontent>
      <head>Collection Scope and Content</head>
      <p>
        This series contains twenty print photographs of the Tufts campus taken by Boston photographer Amory N. Hardy. The photographs capture the scenery of Tufts at a time when the campus was expanding with the construction of new buildings, such as Barnum Hall, Goddard Chapel, and Goddard Gymnasium (later renamed Goddard Hall), in the 1880s. They also display contemporary events on campus, such as a baseball game and Daniel Pratt's May 1885 lecture outside Packard Hall.
      </p>
    </scopecontent>
    <accessrestrict>This series is open for research.</accessrestrict>
    <c02 level="item" id="MS223.001.001.00001">
      <did>
        <unittitle>Capen House, 8 Professors Row</unittitle>
        <unitdate type="inclusive">1883-1885</unitdate>
        <physdesc label="Type:">item</physdesc>
        <physloc type="location" label="Location:">39090016517274</physloc>
      </did>
      <accessrestrict>
        <p>This item is not restricted.</p>
      </accessrestrict>
      <daogrp>
        <daodesc>
          <p>Capen House, 8 Professors Row</p>
        </daodesc>
        <daoloc href="tufts:MS223.001.001.00001" linktype="locator" label="page"/>
        <daoloc href="tufts:MS223.001.001.00001" linktype="locator" label="thumbnail"/>
      </daogrp>
    </c02>
    <c02 level="item" id="MS223.001.001.00002">
      <did>
        <unittitle>Tufts railroad station</unittitle>
        <unitdate type="inclusive">1883-1885</unitdate>
        <physdesc label="Type:">item</physdesc>
        <physloc type="location" label="Location:">39090016517274</physloc>
      </did>
```

Wor
Digital
manifestatio
n

CIDER

Item exported

```
<input>
  <digitalObject xmlns:dc="http://purl.org/dc/elements/1.1/" xmlns:dca="http://nls.lib.tufts.edu/dca"
    xmlns:dcatech="http://nls.lib.tufts.edu/dc/tech/" xmlns:dcterms="http://purl.org/dc/terms/"
    xmlns:admin="http://nls.lib.tufts.edu/dcaadmin/" xmlns:ac="http://purl.org/dc/dcmitype/" xmlns:rel="info:fedora/fedora-
      system:def/relations-external#">
    <admin:steward>dca</admin:steward>
    <admin:createdby>CIDER</admin:createdby>
    <admin:displays>d1</admin:displays>
    <pid>tufts:MS223.001.001.00001</pid>
    <dc:title>Capen House, 8 Professors Row</dc:title>
  </digitalObject>
  <dc:publisher>
    Tufts University. Digital Collections and Archives.
  </dc:publisher>
  <dc:source>MS223</dc:source>
  <dc:date.created>1883</dc:date.created>
  <dc:date.available>2014-10-14T00:00:00</dc:date.available>
  <dc:date.issued>2015-09-16</dc:date.issued>
  <!-- CHANGE RIGHTS URL IF NEEDED -->
  <dc:rights>http://dca.tufts.edu/ua/access/rights.html</dc:rights>
  <dc:geogname>Professors Row</dc:geogname>
  <dc:geogname>Capen House</dc:geogname>
  <dc:subject>Houses</dc:subject>
  <dc:description>This date is approximate. photographic prints.</dc:description>
  <rel:itemID>tufts:MS223.001.001.00001</rel:itemID>
  <rel:hasDescription>tufts:UA069.001.DO.MS223</rel:hasDescription>
  <rel:isMemberOf>tufts:UA069.001.DO.MS223</rel:isMemberOf>
  <!-- Image - match with dc:type -->
  <dc:type>Image</dc:type>
  <rel:hasModel>info:fedora/cm:Image.4DS</rel:hasModel>
</input>
```

Metadata for
digital object to ingest
into Tufts Digital
Library

Points to
EAD
object

Tufts Digital Library EAD

[SEARCH](#) [ABOUT](#) [CONTACT](#) [HOME](#)

Tufts Digital Library [Comments about this page?](#)

[← Amory Nelson Hardy photographs, 1883-1885-05](#) > Series 1: Amory Nelson Hardy photographs, 1883-1885-05

Amory Nelson Hardy photographs, 1883-1885-05






ON THIS PAGE:

- [Series Overview](#)
- [Detailed Contents List](#)

This series is part of [Amory Nelson Hardy photographs, 1883-1885-05](#) 0.55 cubic ft.

This series contains twenty print photographs of the Tufts campus taken by Boston photographer Amory N. Hardy. The photographs capture the scenery of Tufts at a time when the campus was expanding with the construction of new buildings, such as Barnum Hall, Goddard Chapel, and Goddard Gymnasium (later renamed Goddard Hall), in the 1880s. They also display contemporary events on campus, such as a baseball game and Daniel Pratt's May 1885 lecture outside Packard Hall.

Detailed Contents List

Title	Location:	Available Online
Capen House, 8 Professors Row 1883-1885	39090016517274 ID: MS223.001.001.00001 Type: Item	
Tufts railroad station 1883-1885	39090016517274 ID: MS223.001.001.00002 Type: Item	
Ballou Hall 1883-1885	39090016517274 ID: MS223.001.001.00003 Type: Item	
Goddard Gymnasium 1883-1885	39090016517274 ID: MS223.001.001.00004 Type: Item	
East Hall 1883-1885	39090016517274 ID: MS223.001.001.00005 Type: Item	

[View Online Materials →](#)
[Contact DCA](#) to view materials that are not online.

EAD is an object in the repository

Digital object clickable when also in TDL

Tufts Digital Library Item

[SEARCH](#) [ABOUT](#) [CONTACT](#) [HOME](#)

Tufts **Digital** Library

[Comments about this page?](#) 

 [Download Image](#)  [Request High-resolution](#)

Capen House, 8 Professors Row

1883



[OPEN IN VIEWER](#) 

This date is approximate. photographic prints.

This object is in collection:

[Amory Nelson Hardy photographs](#)

Subjects

[Houses](#)
[Professors Row](#)
[Capen House](#)

ID: [tufts:MS223.001.001.00001](#)
To Cite: [DCA Citation Guide](#)
Usage: [Detailed Rights](#)

Links back
to
Finding Aid

Digital object is in repository
for
discovery, access,
preservation

Tufts Digital Library Discovery

SEARCH ABOUT CONTACT [HOME](#)

Tufts **Digital** Library

Keyword [Advanced Search](#)


LIMIT BY:

Format -
[Images \(1\)](#)
Year +
Subject +
Collection +

1 Result

YOU SEARCHED FOR: Keywords > Capen house x
LIMITED TO: Collection > Amory Nelson Hardy Photographs x

« Page 1 of 1 » Sort by relevance ▾

Title ▾	Creator ▾	Date ▾	
1 Capen House, 8 Professors Row		1883	

Digital object discoverable
through
keyword and faceting

Tufts Digital Library Discovery

SEARCH ABOUT CONTACT [HOME](#)

Tufts **Digital** Library









Search for Keyword Search [Advanced Search](#)

LIMIT BY:

Format	-
Images (20)	
Names	+
Year	+
Subject	+
Collection	+

20 Results

LIMITED TO: [Collection > Amory Nelson Hardy Photographs x](#)

« Page 1 of 1 »		Sort by relevance ▾	25 per page ▾
Title ▾	Creator ▾	Date ▾	
1 Daniel Pratt delivering a lecture to a group of men	Rollins, Edwin B.	1885	
2 Ballou Hall		1883	
3 Ballou Hall, view through trees		1883	
4 Barnum Hall		1883	
5 Baseball game at Tufts		1883	
6 Baseball game at Tufts		1883	
7 Capen House, 8 Professors Row		1883	
8 East Hall		1883	

Digital object
discoverable
by faceting to collection

Combining archival metadata records using Blacklight

Chris Awre

Hydra Connect 3

Minneapolis, September 2015

Archives at the University of Hull

- Hull History Centre



Three sources of records

- University Archives
 - EAD records in a CALM archives management system
- City Archives
 - EAD records in a different CALM system
- Local Studies Library
 - MARC records held in the City library catalogue
- Goal
 - Create a single catalogue providing access to all

Searching...

- The catalogue needed to be able to support a common initial search
 - Users can then drill down to individual items, which may have different options
 - Map fields between records where feasible
 - Focus on date – key to archives
 - Inclusion of all dates in range
- Key was structuring of solr index to accommodate needs
- Inspired by work at Rock'n'Roll Hall of Fame
 - <http://library.rockhall.com/home>

Archives and archival items

- It was important to enable access to archival items as well as archival collection finding aids
 - Two points of access that link behind the scenes
- Addition of catalogue documents
 - Separate PDF files: not in Hydra at this time as changeable
- Search also enabled within archive collections for more specific discovery

Hull History Centre catalogue

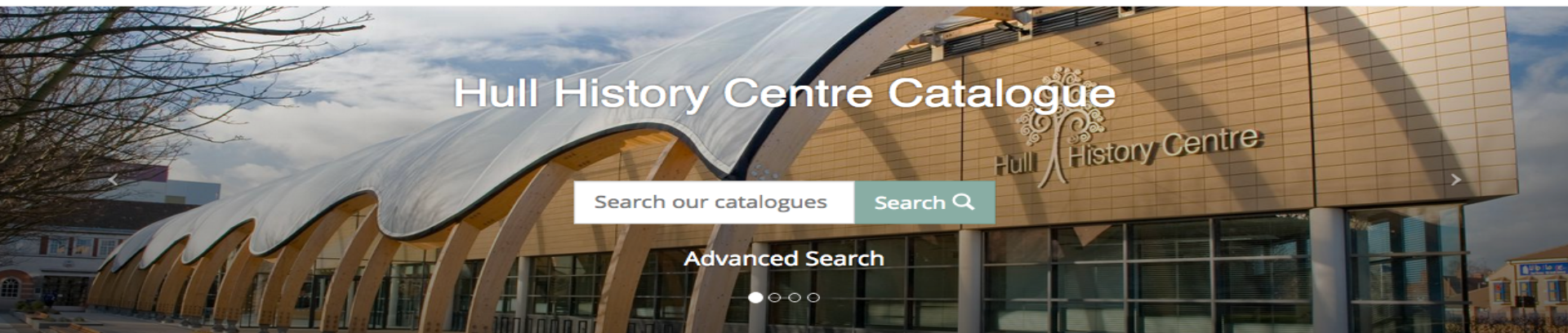
<http://catalogue.hullhistorycentre.org.uk>

Hull History Centre Catalogue

About

Advanced search

Help



The Catalogue

The History Centre catalogue contains information and descriptions to over 330,000 items in the archives and local studies

Collections

The Hull History Centre houses collections of local, regional and national importance relating to the [City of Hull](#) and the surrounding

Help

Our [help page](#) contains information and tips on searching and using the catalogue to identify material relevant to your enquiry – whether it for family history, local history or

@Hullhistorynews

Looking ahead

- We want to add digital archive files to our Hydra institutional repository head
 - Link to these from the archives catalogue (and vice versa?)
- Record of authority will remain CALM/City catalogue
 - Hydra will be content store
 - Objects will have metadata and will be accessible individually, through the University repository interface, but primary discovery route will remain as now
 - Facilitates context
- Add EAD collection records to library catalogue Blacklight
 - Better University awareness

City of Culture 2017



- Hull will be hosting a year long cultural festival
- Two archives are being explored
 - Organisational formal archive
 - Participatory archive – crowd sourced material
- Both will generate digital archives
- Both will be added to overall archives catalogue
 - Together they may also have their own discovery route, via Hydra, focused on repository metadata
 - Recognition of different discovery purposes

Thank you

c.awre@hull.ac.uk (Chris Awre)

s.wilson@hull.ac.uk (Simon Wilson –
University Archivist)