

# Digitally Preserving Music Performance History and Sharing the Legacy among the Community



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University of Arkansas Libraries



# The U of A Context



- a research I, land-grant institution
- enrollment over 26,754
- major provider of graduate-level instruction in the state
- over 214 degree-granting programs and 17 graduate certificate programs
- 1,203 faculty
- 2,935 professionals and researchers
- rapid growth with increasing number of online courses

# Music Program & Facilities



- over 300 students
- 38 faculty members
- 11 areas of studies
- degrees at the baccalaureate and graduate levels
- ensembles: band, symphonic orchestra, chamber, choir, jazz, and more.
- 2 concert halls:
  - ❖ Stella Boyle Smith Concert Hall (200 seats)
  - ❖ Faulkner Performing Arts Center (600 seats)





# Archival History: When, Where, Who



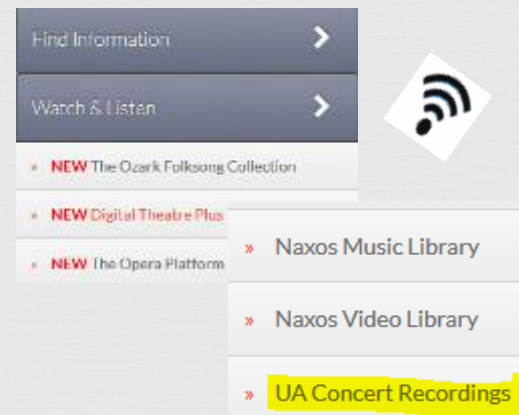
- Pioneers: Phi Mu Alpha Sinfonia students
  - Recorded campus concerts
  - Worked at PAM
- Transitioned to PAM in 1980s
  - Recorded on cassette tape and then CD
  - Until 2011 then started with WAV file format
  - Library was challenged to come up with a new structure to archive and make content accessible to the community
- Became part of the IR – 2013 groundwork done
  - Collaboration– university archives, technical services, and PAM by Allen, Kulczak, and Lennertz



# Fitting into a New Landscape



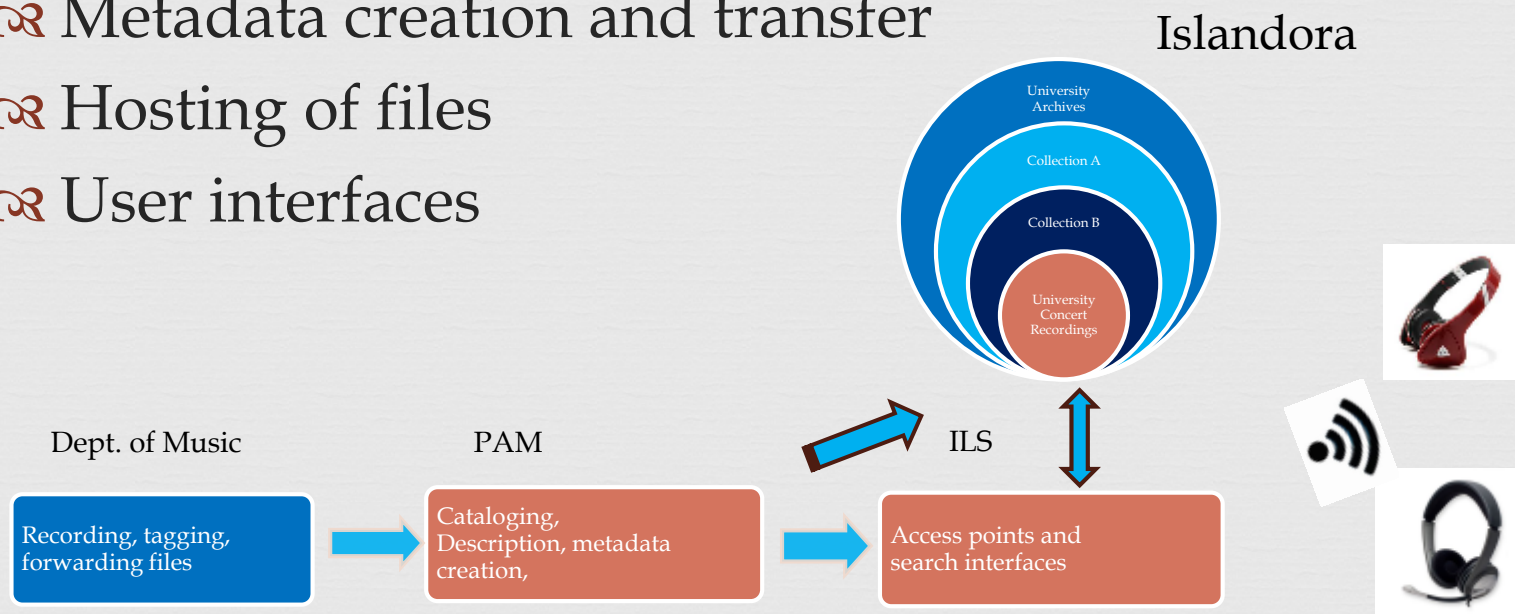
- Toward a digital archive, the UofA digital repository
- Collaborative efforts across campus
- Discoverability and accessibility



# Content Management and Metadata



- ❧ Master files, format, and standards
- ❧ Metadata creation and transfer
- ❧ Hosting of files
- ❧ User interfaces





# Behind the Scenes: Establishing procedures



- Recordings made by the Dept. of Music from 2 concert halls
- Files saved in WAV format and sent via DropboxIT
- Quality Control
  - ❖ Music Dept. -- graduate students/recording engineers
    - Zoom recorder – sound checks prior to performance
    - Shure microphones
  - ❖ PAM-- concert recordings cataloger
- All files to be processed for streaming must have copyright consent form

# Cataloging with MODS



- MODS metadata created In XML Notepad
- MODS elements
  - i. titleInfo
  - ii. name
  - iii. typeOfResource (sound recording) – no sub-elements
  - iv. tableOfContents ([Track 01]. Song title / Composer, etc.) no subelements = 505
  - v. originInfo
  - vi. Note – no sub-elements = 500 if present
  - vii. subject
  - viii. Location
  - ix. recordInfo



# MODS -- continued



## MODS sub-elements used

- i. Title yyyy-mm-dd
- ii. Subtitle [Concert recording] = 245 in Sierra
- iii. nameType (to distinguish corporate, i.e., UofA official groups, and personal, i.e. performers) Always 110 for University of Arkansas, Fayetteville. | bDept. of Music
- iv. namePart (Last Name, First Name) = 700 in Sierra
- v. role
- vi. roleTerm type (Role baritone, for example) = 700 | e in Sierra
- vii. dateIssued (yyyy-mm-dd – this is the date the concert was recorded) = 518 in Sierra
- viii. topic (ex: Voice recital or Studio recital) = 690 in Sierra
- ix. url (link to the concert folder in Islandora) = 856 in Sierra
- x. shelfLocator (CCD yymmdd – call number in Sierra) = 099 in Sierra
- xi. recordOrigin (rlp -- initials of the cataloger)
- xii. recordCreationDate (yyyy-mm-dd – date cataloged)

## Example of MODS file

W:\Projects\Concert Recordings\Completed Concert Recordings\Fall 2015\151014\20151014.xml



```
<?xml version="1.0" encoding="utf-8" ?>
<mods xmlns="http://www.loc.gov/mods/v3" xmlns:mods="http://www.loc.gov/mods/v3"
  xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  - <titleInfo>
    <title>2015-10-14</title>
    <subTitle>[Concert recording]</subTitle>
  </titleInfo>
  - <name type="corporate">
    <namePart>University of Arkansas, Fayetteville. Dept of Music</namePart>
  </name>
  - <name type="corporate">
    <namePart>University of Arkansas, Fayetteville. Flute Choir</namePart>
  </name>
  - <name type="personal">
    <namePart>Johnson, Emily</namePart>
    - <role>
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    </role>
  </name>
  - <name type="personal">
    <namePart>Lackey, Brena</namePart>
    - <role>
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    </role>
  </name>
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    - <role>
      <roleTerm type="text">piano</roleTerm>
    </role>
  </name>
  - <name type="personal">
    <namePart>Menze, Kelsey</namePart>
    - <role>
      <roleTerm type="text">flute</roleTerm>
    </role>
  </name>
  - <name type="personal">
    <namePart>Craig, Hannah</namePart>
    - <role>
      <roleTerm type="text">flute</roleTerm>
    </role>
  </name>
  - <name type="personal">
    <namePart>Vickers, Donna</namePart>
```

# Convert MODS to MARC

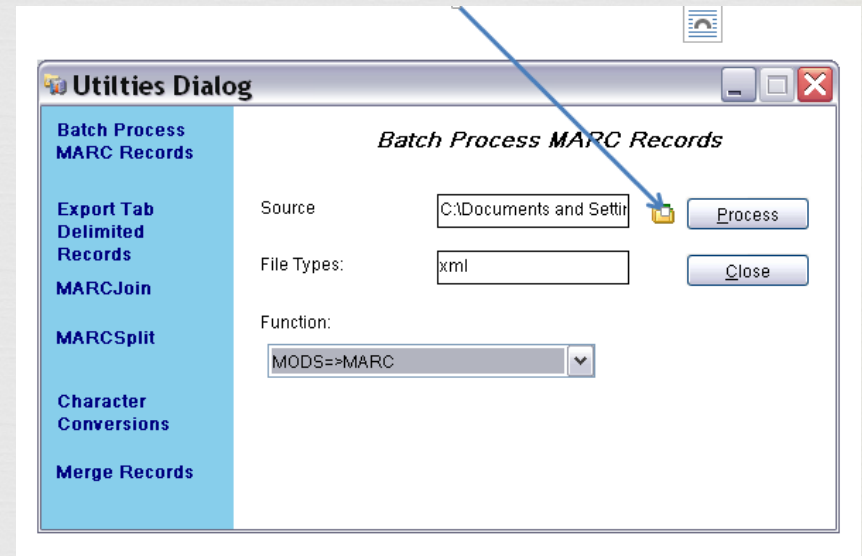


- MODS records uploaded to Islandora along with WAV files of pieces and OCR-readable PDF of the program
- Files converted to MARC with MarcEdit
- Batch uploaded to ILS



# Convert MODS to MARC

1. Save all of the MODS xml files you wish to process in one folder
2. Open MarcEdit
3. Go to Tools – Batch Process Records
4. Fill in File Types and Function as shown above
5. Click Process button
6. MARC files will automatically be saved in your Source file
7. To combine all the MARC records into a single file for loading, click “MARCJoin” from the Utilities Dialog window that is already open.
8. When the MARCJoin window opens, create a “Destination File” box by clicking on the file icon. In the dialog window, create a file name, making sure the extension is .mrc, and click “Save.” (Using a date naming convention will help track the records, e.g. “140411”. There is a Concert Recordings folder in \\alexandria\Cataloging\Record Loads.)
9. In “Files to Join” navigate to the “processed\_files” folder you just created and open it.
10. Select all the files and click “Open.”
11. Make sure the “Join Individual Files” box is checked and click “Process.”
12. Look for the confirmation message that MarcEdit has created your file. If so, they are ready to view.



# Into MARC

Sierra - University of Arkansas Libraries, Fayetteville - Rachel Paul - b38150694

File Edit View Go Tools Admin Reports Help

sierra FUNCTION Search / Holds

OTHER CALL # ccd 151014 Search +

b38150694 Last Updated: 10-16-2015 Created: 10-16-2015 Revisions: 1

MARC	006		m	h
MARC	007		c	r
MARC	007		s	z
MARC	008		=	
MARC	049		AFUT	
CALL #	099		CCD 151014	
AUTHOR	110	2	University of Arkansas, Fayetteville. Dept. of Music	
TITLE	245	1 0	[Concert recording]	
IMPRINT	260		[c]2015	
NOTE	518		Recorded Oct. 14, 2015	
NOTE	500		Streaming audio	
NOTE	505	0	[Track 01]. TRKS / Ian Clarke -- [Track 02]. Suite pour flute et piano. Moderato ; [Track 03]. Scherzo / Ch. Widor -- [Track 04]. Mawal for solo flute / Avi Eilam Amzalag -- [Track 05]. Maya / Ian Clark -- [Track 06]. Nocturne et allegro scherzando / Philippe Gaubert -- [Track 07]. Piece pour flute seule / Jacques Ibert -- [Track 08]. Concertino for flute and piano / Cecile Chaminade -- [Track 09]. 5 duos. Adagio ; Menuetto / Gioacchino Rossini -- [Track 10]. Greensleeves fantasia / Ralph Vaughan Williams -- [Track 11]. Flute fandango for flute choir / Sonny Burnette	
SUBJECT	690		Flute recital	
SUBJECT	690		Studio recital	
ADD AUTHOR	700	1	Johnson, Emily. flute	
ADD AUTHOR	700	1	Lackey, Brena. flute	
ADD AUTHOR	700	1	Panayotova, Miroslava. piano	
ADD AUTHOR	700	1	Menze, Kelsey. flute	
ADD AUTHOR	700	1	Craig, Hannah. flute	
ADD AUTHOR	700	1	Vickers, Donna. flute	
ADD AUTHOR	700	1	Tuberville, Alaina. flute	
ADD AUTHOR	700	1	Campbell, Torre. flute	
ADD AUTHOR	700	1	Alexander, Cali. flute	
ADD AUTHOR	700	1	Mathews, Marnie. flute	

b38150694 View Only Mode


# Front end: Search, Present, and Deliver



## Library catalog search

Search for UofA Concert Recordings

Search for composer, performer, instrument, or work name:

  
UNIVERSITY OF  
ARKANSAS

o anima mea


Choose a format:  
Streaming Audio ▼

Performance year (YYYY):  
2014

Search Clear Form

search points:  
keywords,  
performers,  
date of recording

## Bib record

Available Online 

Connect to <http://dora.uark.edu/fedora/repository/Islandora:193229>

Copies/Volumes

LOCATION	CALL NO.	STATUS
INTERNET RESOURCE	CCD 141009	ON INTERNET

Event Recorded Oct. 09, 2014

Note Streaming audio

Contents [Track 01]. Aure volanti / Francesca Caccini -- [Track 02]. **O anima mea** / Isabella Leonarda -- [Track 03]. Mille regrets / Kailey Miller -- [Track 04]. Peaceful evening / Claude Debussy ; arr. Morgan -- [Track 05]. Wedding cantata. I. Rise up, my love ; II. Many waters ; III. Awake, o north wind ; IV. Epilogue: set me as a seal / Daniel Pinkham -- [Track 06]. City called heaven / arr. Poelinitz

Local Subject Voice recital

Additional Author Caldwell, Stephen, director  
Mindeman, Hannah, piano, harpsichord  
Headrick, Cheri, conductor  
McCoy, Cheyenne, cello  
Campbell, Torre, flute  
Graff, Meagan, flute  
Cope, Casey, flute  
Greenhut, Olga, piano  
Haney, Mark, conductor  
University of Arkansas, Fayetteville. Concert Choir  
University of Arkansas, Fayetteville. Women's Chorus

Alternate Title Something old...something new

Permalink [http://library.uark.edu:80/record=b3504286-\\$15](http://library.uark.edu:80/record=b3504286-$15)



# Delivery



## Women's Chorus

Hannah Mindeman, piano & harpsichord

Aure volanti Francesca Caccini (1587-1630)  
Cheri Headrick, graduate conductor  
Cheyenne McCoy, cello  
Torre Campbell, Meagan Graff, Casey Cope, flutes

O anima mea\* Isabella Leonarda (1620-1704)  
Cheyenne McCoy, cello

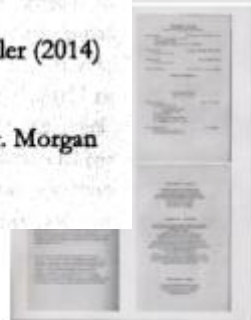
mille regrets\* Kailey Miller (2014)  
Caitlin Georgio, solo

Peaceful Evening Claude Debussy, arr. Morgan

\*Premiere Performance

Details

1-7 of 7



Program



[Track 01]



[Track 02]



[Track 03]



Sound track



<http://dora.uark.edu/fedora/repository/uark%3A3536>



# Ownership & Copyright



- Senior recitals, faculty recitals, studio recitals, guest recitals
- Consent form must be signed by the performers and approved by instructors
- Institutional ownership



# Copyright Consent Form

## COPYRIGHT LICENSE

I, \_\_\_\_\_, hereby grant the Board of Trustees of the University of Arkansas, its legal representatives, assigns, and those acting on its behalf and with its permission, (hereinafter "University"), a non-exclusive, perpetual, fully paid-up right and license to copy, distribute, display and otherwise use the transmitted academic work (hereinafter "Work") and to incorporate the Work, in whole or in part, into derivative works for use and distribution.

I understand that I retain all other rights in the Work, including without limitation, the right to copy and distribute the Work.

I hereby release and discharge the University from any claims for liability which I may have resulting from the University's reproduction, display, distribution or other use of the Work.

I hereby warrant that I have read this agreement in its entirety before affixing my signature thereto, and I fully understand the contents therein. I further warrant that I am of legal age and competent to contract in my own name as far as the above is concerned.

Signature \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date of Performance \_\_\_\_\_

I do not grant the University Libraries the right to distribute my performance electronically. I understand a copy will be available locally through the University of Arkansas Libraries.

Signature \_\_\_\_\_ Date \_\_\_\_\_

---

### Faculty Advisor:

I approve the performance which took place on the following date: \_\_\_\_\_  
to be made widely available online.

Faculty Signature \_\_\_\_\_ Date \_\_\_\_\_



# Challenges & Issues



- Further coordination in file production and transmitting
- Migration from Islandora to bepress
- Pre-2013 recordings on CDs
- Yet to survey performers and end-users for assessment
- Search interface and discoverability
- Video recordings?

# Sources of Reference

Harbeson, Eric, (2012). Ownership in Institutional Sound Recordings IFLA. Session 148 Copyright Law and Legal Deposit for Audiovisual Materials – Audiovisual and Multimedia with Law Libraries  
<<http://conference.ifla.org/past-wlic/2012/148-harbeson-en.pdf>>

Hughes, L. (2004). Digitizing Collections: Strategic Issues for the Information Manager, Facet Publishing, London

IMLS (2002). Status of Technology and Digitization in the Nation's Museums and Libraries: 2002 Report, Institute of Museum and Library Services, Washington, DC.

Kenney, A. and Rieger, O. (Eds) (2000). Moving Theory into Practice: Digital Imaging for Libraries and Archives, Research Libraries Group, Mountain View, CA.

MLA (2007). Legal Impediments to Preservation of and Access to the Audio Heritage of the United States: Recommendations by the Association for Recorded Sound Collections and the Music Library Association.  
<<http://copyright.musiclibraryassoc.org/Resources/AudioPreservationAndAccess>>

# Thank You!



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