

ARCHON to ASpace: Adventures in Archives Migration

Adam Smith, Archives Technician

Heidi Southworth, Digital Initiatives Librarian

Tom Tran, Systems Librarian

Daniel Vang, Information Technology Specialist

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Big ideas. Real-world thinking.

Disclaimer

- Open Source Software = [ArchivesSpace](#)
- “Free” software vs [Membership fee](#)
- Built by our local Library Systems Unit
- Not help you build your own site
- Contact [Lyrasis](#)
- Share our plan, process and workflows

Minnesota State University, Mankato

- 85 miles southwest of the Twin Cities
- Founded in 1868
- 13,000+ students with 1600+ faculty and staff
- Memorial Library – 1967
- University Archives – 1961-1962 (Established)
- University Archives – 1979 (Organized)
- Southern Minnesota Historical Center – 1969



Old Main and students from Mankato State Normal School, Mankato State Normal School. MSU-UA-309-10013. University Archives, Memorial Library, Minnesota State University, Mankato.
<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A160>

University Archives Organization

- Paper – Accessions
- Access Database – Collections
- Collection Guides
- ARCHON (2012)
 - Locally Hosted
 - Accessions
 - Collections
 - Locations
 - No Public Interface



William Lass looking at a book with student in Lincoln Library at Mankato State College, 1963-01-29. MSU-UA-309-27948. University Archives, Memorial Library, Minnesota State University, Mankato. <https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A124953>

Technology Changes

- VMware decommissioned and Move to Azure
- Library servers physically moved
- CMS update
- ARCHON end of life



Mankato State University student working at a computer. MSU-UA-309-14522. University Archives, Memorial Library, Minnesota State University, Mankato. <https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A6371>

Timing is Everything

We need to migrate...

- during a University wide web page migration
- during a migration from Aleph to Alma/Primo
- when the University Archivist = Interim Dean of the Library



Mankato State College business department students using an adding machine, 1961-10-03. MSU-UA-309-30695. University Archives, Memorial Library, Minnesota State University, Mankato.

<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A154422>

What Should We Do?!?

- Static webpages
- PastPerfect 5
- Collective Access
- ArchivesSpace
 - Open source
 - Didn't have technical expertise
 - Couldn't afford membership
- Help!



Sandy Mitchell, right, helps a student at Mankato State University. MSU-UA-309-11354. University Archives, Memorial Library, Minnesota State University, Mankato.
<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A2192>

A large, stylized yellow graphic consisting of three curved, overlapping shapes that resemble flames or a stylized 'S' shape, positioned on the right side of the slide.

ArchivesSpace Requirements

- Supported OS:
 - Windows
 - LINUX
 - Mac OS X
- System requirements:
 - Java 1.8
 - At least 1024 MB ram allocated to the application; at least 2 GB for optimal performance
 - MySQL is not required but is strongly recommended for production use.



Biggest Challenges

- A lot of breadcrumbs
- Learn the ins and outs of LINUX
- Learn how web server works
- Update our existing Archon server



What worked for us

- Debian LINUX
- MariaDB 10.1.44
- Java 1.8.0_232
- Apache 2.4.25

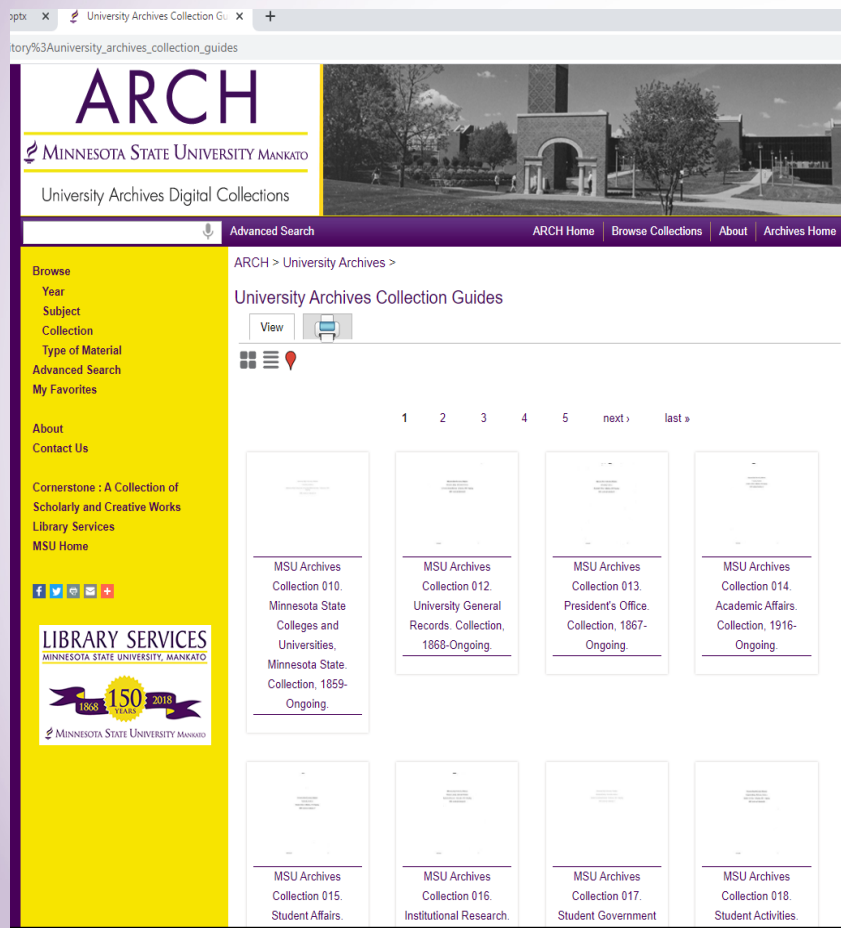
Post-migration



Philip McFarland helping members of debate squad at Mankato State College. MSU-UA-309-29584. University Archives, Memorial Library, Minnesota State University, Mankato.
<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A147362>

- Migrated locations and basic accession information
 - What we had in ARCHON
- Where did it go?
- Need to add data to make it a public search engine
 - Takes time
- How do we share our information so patrons can utilize collections?

Stop-gaps and student workers



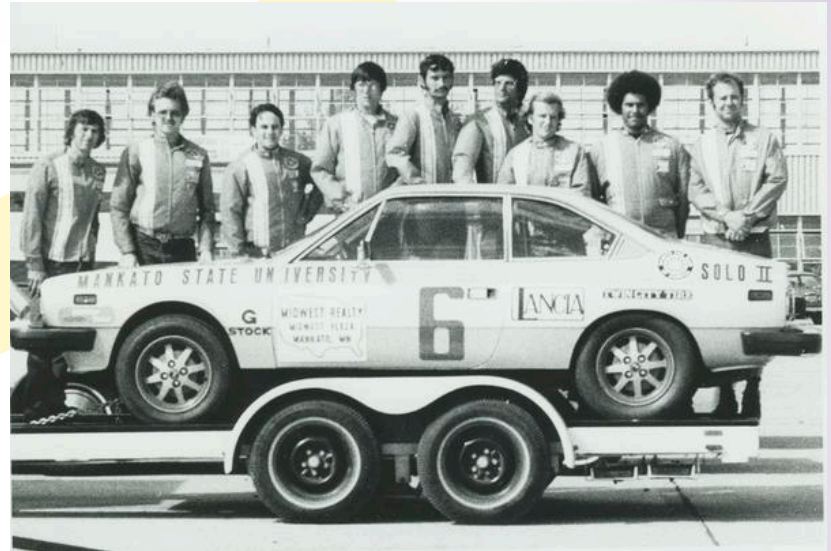
The screenshot shows the ARCH website interface. The header includes the ARCH logo and the text "MINNESOTA STATE UNIVERSITY MANKATO University Archives Digital Collections". Below the header is a navigation bar with "Advanced Search", "ARCH Home", "Browse Collections", "About", and "Archives Home". The main content area is titled "University Archives Collection Guides" and displays a grid of collection guides. The guides are listed as follows:

Collection Number	Description
MSU Archives Collection 010	Minnesota State Colleges and Universities, Minnesota State, Collection, 1859-Ongoing.
MSU Archives Collection 012	University General Records Collection, 1868-Ongoing.
MSU Archives Collection 013	President's Office, Collection, 1867-Ongoing.
MSU Archives Collection 014	Academic Affairs, Collection, 1916-Ongoing.
MSU Archives Collection 015	Student Affairs
MSU Archives Collection 016	Institutional Research
MSU Archives Collection 017	Student Government
MSU Archives Collection 018	Student Activities

- Thank goodness for student workers!
- Scanned collection guides as PDFs and put on ARCH
 - <https://arch.lib.mnsu.edu/>
- Copied and pasted collection level information into ASpace

Projects

- Where to begin!
- Inventory
 - Physical comparison with ASpace
 - Reset
- Series and Folder level information (Adding Children)
- Subjects and Agents



MSU ITS Vehicle Performance team with 1976 Lancia Beta Coupe Automobile. MSU-UA-309-11909. University Archives, Memorial Library, Minnesota State University, Mankato.

<https://arch.lib.mnsu.edu/islandora/object/MSUrepositor:y%3A3A3452>

The Unexpected

- Terminology = learning curve
- Archival Box vs. Records Box?
- MARC Subject/Authority Records
- Metadata standardization and clean up

A picture of a section of the Mankato State Teachers College Old Main building after a 1922 fire destroyed the building. MSU-UA-309-10273. University Archives, Memorial Library, Minnesota State University, Mankato. <https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A435>



Benefits

- Quicker access to information
- Search before they visit!
- Search by subjects and agents



People searching in a haystack during Greek Week at Mankato State College 1968-12-18. MSU-UA-309-15708. University Archives, Memorial Library, Minnesota State University, Mankato.

<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A7375>

Next Steps

- System maintenance and updates
- Lots of metadata to add and update
- EADs for ALMA and WorldCat
- Barcoding Archives Boxes
- Container Profiles
- Digital Collections



A picture of a Mankato State Teachers College student holding his two children in the MSTC barracks dormitory, 1950s. MSU-UA-309-11211. University Archives, Memorial Library, Minnesota State University, Mankato.

<https://arch.lib.mnsu.edu/islandora/object/MSUrepository%3A2086>

University Archives and Southern Minnesota Historical Center

Repositories Collections Digital Materials 

DEMO

Physical Collections

The **University Archives** is the official repository of Minnesota State University, Mankato. The Archives contains records of the university's history and activities.

Southern Minnesota Historical Center is a regional research repository containing manuscript collections from two counties.

Collection guides describe and list the contents of collections and contain information about the person, family, or organization.

Digital Collections

Digital materials can be found in **ARCH: University Archives Digital Collections** and **Cornerstone: A Collection of Digital Images**.

Contact us to schedule a research appointment or visit during business hours to access materials.

University Archives and Southern Minnesota Historical Center
Memorial Library
P.O. Box 8419
Mankato, MN 56002-8419
Phone: (507) 389-1029
Email: archives@mnsu.edu

<https://archivesspace.lib.mnsu.edu/public/>

**MNSU
ArchivesSpace
Version 1.0**

Search **all record types** where

keyword(s): **institutional research**

Showing Results: 1 - 10 of 1709

1 2 3 4 5 6 7 8 9 10 ... 171 →Next

Institutional Research. Collection 1921-Ongoing

 **Collection – Multiple Containers** Identifier: MSU Archives Collection 016

Overview Institutional Research is a collection of the reports and data compiled by Institutional Research to better understand the university's history, including programs conferred, program reviews, accreditation material and different surveys and studies of departments on campus between 1921 and 2014. The collection was created by the university to help show the composition of the student body.

Dates: 1921-Ongoing

Found in: Minnesota State University, Mankato University Archives / Institutional Research. Collection 1921-Ongoing

Moultrie, C. M., 1974-. Oral History Interview and Collection, 2010

 **Collection – Multiple Containers** Identifier: SMHC Manuscript Collection 1781

Overview The C. Maxille Moultrie collection consists of an audio recording, biographical form, and interview outline of an oral history interview with Moultrie. Moultrie began as a graduate student in 1999 at Minnesota State University, Mankato. In 2002 he became employed by MSU as a Diversity Recruitment Specialist. In this interview, Moultrie talks about his decision to attend MSU, his experiences at MSU, and his current work at MSU.

Dates: 2010

Found in: Southern Minnesota Historical Center / Moultrie, C. M., 1974-. Oral History Interview and Collection, 2010

Upper Midwest Regional Honors Council. Collection, 1967-2014.

 **Collection – Multiple Containers** Identifier: SMHC Collection 0257

Overview The Upper Midwest Regional Honors Council (UMRHC) collection includes materials from conferences, membership lists, and other documents. The Upper Midwest Honors Council, began in 1967 and the collection materials end in 2014. The main function of the organization is to provide financial support for students and faculty. A government board of students and faculty also runs yearly meetings where...

Dates: 1967-2014

Filter Results

Additional filters:

Repository

Minnesota State University, Mankato University Archives **1595**

Southern Minnesota Historical Center **761**

Type

Archival Record **1699**

Collection **655**

Organization **26**

Person **22**

Subject **19**

[v more](#)

Subject

Oral history **251**

Educational change **123**

Minnesota **87**

Teachers **87**

Teachers -- Minnesota **76**

[v more](#)

Names

Minnesota State University, Mankato **93**

Mankato State College **76**


Mankato State University **76**

Mankato State Teachers College **45**

Veterans History Project (U.S.) **37**

[v more](#)

Hughes, Thomas, 1854 - 1934, and Family. Papers, 1855 - 1946

 **Collection – Multiple Containers** **Identifier:** SMHC Manuscript Collection 0101

Southern Minnesota Historical Center | Hughes, Thomas, 1854 - 1934, and Family. Papers, 1855 - 1946

[Collection Overview](#) [Collection Organization](#) [Container Inventory](#)

Scope and Contents

Correspondence 1855-1946: These letters are arranged chronologically and pertain to Hughes's research into historical topics as well as his personal biographical details and other factual information. These letters provide insight into Hughes's research for the History of the Welsh in Minnesota and Traverse des Sioux,...[See more >](#)

Dates

1855 - 1946

Creator

- Hughes, Thomas, 1854-1934 (Person)

Conditions Governing Use

There are no restrictions on use of this collection for research purposes. The researcher assumes full responsibility for observing all copyright, privacy, and other restrictions.

Biographical / Historical

Thomas Hughes, a well-known historian from Blue Earth County and Southern Minnesota, was born in Minersville, Ohio on 23 September 1854. He was the son of Thomas Hughes and Mary Ann Hughes.

Hughes attended Carlton College in Northfield, Minnesota, and after graduation, he studied law. He practiced law primarily in Mankato, Minnesota. Thomas Hughes wrote about the...[See more >](#)

Extent

7.00 Cubic Feet (14 Hollinger Boxes and 1 Oversize Box) : Paper

Search Collection

From year

To year

Search

Collection organization

Hughes, Thomas, 1854 - 1934, and Family. Papers, 1855 - 1946

▼ Correspondence, 1855-1946

Correspondence, undated

Correspondence, 1855-1863

Correspondence, 1882-1894

Correspondence, 1895

Correspondence, 1901-1903

Correspondence, 1905-1920

Correspondence, 1924-1925

Correspondence, 1926

Correspondence, 1927

Correspondence, 1928

Correspondence, 1929-1931

Correspondence, 1932-1936 and 1946

➤ Research Notes

➤ Manuscript Drafts

➤ Miscellaneous

➤ Volumes

Search Collection

From year

To year

Search

Collection organization

Minnesota State Colleges and Universities/Minnesota State. Colle...

➤ State Normal School System

▼ State Teachers College System

Committee on Proposed Plan of Operation, Report, 2 Dec...

General Publications, 1936-1937, 1951, 1955, and 1957

Minutes of Accountants and Business Managers Meetings,...

Revised Report of Committee on Minnesota State Teacher...

Salary Committee, Report, 6 September 1952

Special Committee on Four Year Curriculum, c. 1940

▼ Minutes Sub-Series

Board of Presidents, 1920-1929

Board of Presidents, 1930-1940

State Teachers College Board Meetings, February 192...

State Teachers College Board Meetings, April 1924-Jul...

State Teachers College Board Meetings, September 1...

State Teachers College Board Meetings, May 1945-No...

State Teachers College Board Meetings, February 195...

State Teachers College Board Meetings, January 1955...

➤ State College Board

➤ State University System

➤ Minnesota State Colleges and Universities (MnSCU)/Minnesot...



Select Repository ▾ System ▾ heidi ▾ ?

Minnesota State University, M ▾

Accessions

Minnesota State University, Mankato University Archives

Southern Minnesota Historical Center

Settings ▾ ?



Download CSV

Search Results



Showing 1 - 10 of 416 Results, Sort by: Relevance ▾

Record Type	Title	Found in	Identifier		
Resource	Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.		MSU Archives Collection 010	Created by admin 2019-01-24 13:03:17 -0600 Last Modified by heidi 2019-10-11 09:09:50 -0500	View Edit
Top Container	MSU Archives Collection 010, Archives box 01	Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.		Created by admin 2019-01-24 13:03:17 -0600 Last Modified by heidi 2019-10-07 09:54:43 -0500	View Edit
Top Container	MSU Archives Collection 010, Archives box 02	Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.		Created by admin 2019-01-24 13:03:17 -0600 Last Modified by heidi	View Edit

Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.	Collection	Text, Text, Text, Text, Text,
▶ State Normal School System	Series	Text, Text, Text
▶ State Teachers College System	Series	Text, Text
▶ State College Board	Series	Text Text Text Text Text

- Basic Information >
- Languages 1 >
- Dates 1 >
- Extents 1 >
- Finding Aid Data >
- Revision Statements 3 >
- Related Accessions >
- Agent Links 8 >
- Subjects 12 >
- Notes 6 >
- External Documents 1 >
- Rights Statements >
- Instances 18 >
- Deaccessions >
- Collection Management >
- Classifications >
- User Defined >

Minnesota State Colleges and Universities/Minnesota State

Basic Information

Title *

Identifier *

Level of Description *

Resource Type

Publish?

Restrictions Apply?

Repository Processing Note



Role * Subject ⌵ ✕

Relator ⌵

Agent * 🏢 Minnesota State University Board ✕ ⌵

Terms and Subdivisions Add Term/Subdivision

Role * Subject ⌵ ✕

Relator ⌵

Agent * 🏢 Minnesota State College Board ✕ ⌵

Terms and Subdivisions Add Term/Subdivision

Role * Creator ⌵ ✕

Title

Relator ⌵

Agent * 👤 Mitau, G. Theodore, 1920-1979 ✕ ⌵

Role * Subject ⌵ ✕

Relator ⌵

Agent * 👤 Mitau, G. Theodore, 1920-1979 ✕ ⌵



Subjects

Add Subject

- Subject * Education, Higher
- Subject * Minnesota
- Subject * Higher education and state
- Subject * Higher education and state -- Minnesota
- Subject * Universities and colleges
- Subject * Universities and colleges -- Minnesota
- Subject * University cooperation
- Subject * University cooperation -- Minnesota
- Subject * Teachers colleges
- Subject * Teachers colleges -- Minnesota
- Subject * Universities and colleges
- Subject * Universities and colleges -- Minnesota



Notes

Add Note

Apply Standard Note Order



Abstract

The Minnesota State Colleges and Universities (Minnesota State) collection contains information about the state's universities and their predecessor institutions since 1859. The collection is made up...

Expand



Biographical / Historical

The governing bodies of Minnesota's schools of higher education have changed names as the missions of these institutions have changed since the late 1850s. The first governing body was the State...

Expand



Scope and Contents

This collection is divided into five different series based upon governing structures of the state's normal schools, colleges, and universities. Each series is further arranged alphabetically or...

Expand



Conditions Governing Use

There are some restrictions on use of this collection for research purposes. The researcher assumes full responsibility for observing all copyright, property and libel laws as they apply.

Expand



Preferred Citation

Minnesota State Colleges and Universities. Collection, 1859-Ongoing. MSU Archives Collection 10, University Archives, Memorial Library, Minnesota State University, Mankato.

Expand



Conditions Governing Access

There are some restrictions on use of this collection for research purposes. The researcher assumes full responsibility for observing all copyright, property and libel laws as they apply.

Expand

Instances

Add Container Instance Add Digital Object

Type * Text

Top Container * Archives box 01

Child Type Folder

Child Indicator 01-17

Grandchild Type

Grandchild Indicator

Type * Text

Top Container * Archives box 02

Child Type Folder

Child Indicator 01-09

Grandchild Type

Grandchild Indicator



Edit

Delete

Archives box 01 Top Container

Indicator 01

Container Type archives box

Exported to ILS Not exported

Locations

Status Current

Start Date 2019-01-24

Note 1.00 Archives box

Location

[ML2051 \(Archives Storage\) \[Range: 08, Section: 01, Shelf: 02\]](#)

Active Restrictions

Linked Record	Note Type	Restriction Begin	Restriction End	Local Access Restriction Type
Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.	Conditions Governing Access			<ul style="list-style-type: none"> 1 - Donor/university imposed access restriction



ML2051 (Archives Storage) [Range: 08, Section: 01, Shelf: 02] Location

Building	ML2051 (Archives Storage)
Location	ML2051 (Archives Storage) [Range: 08, Section: 01, Shelf: 02]
Coordinate Label 1	Range
Coordinate Indicator 1	08
Coordinate Label 2	Section
Coordinate Indicator 2	01
Coordinate Label 3	Shelf
Coordinate Indicator 3	02

Created by admin 2019-01-24 13:03:17 -0600 | Last Modified by admin 2019-01-24 13:03:17 -0600 | URI: /locations/259

Linked Records

[Go to Search Results](#)

Showing 1 - 6 of 6 Results, Sort by:

Record Type	Title	Identifier	
Top Container	MSU Archives Collection 012, Archives box 01		Created by admin 2019-01-24 13:03:19 -0600 Last Modified by heidi 2019-11-04 09:09:30 -0600 View Edit
Top Container	MSU Archives Collection 012, Archives box 02		Created by admin 2019-01-24 13:03:19 -0600 Last Modified by heidi 2019-11-04 09:21:05 -0600 View Edit
Top Container	MSU Archives Collection 012, Archives box 03		Created by admin 2019-01-24 13:03:19 -0600 Last Modified by heidi 2019-11-04 09:21:45 -0600 View Edit



▾

Minnesota State Colleges and Universities/Minnesota State. Collection, 1859-Ongoing.	Collection	Text, Text, Text, Text, Text, Text, Text,
▼ State Normal School System	Series	Text, Text, Text
"Minnesota State Normal Schools Quarterly Journal," 1915-1916	File	Text
Minutes and Inventory of Publications. State Normal School Board. 1859-1970	File	Text

- Basic Information >
- Languages 1 >
- Dates >
- Extents >
- Agent Links >
- Subjects >
- Notes >
- External Documents >
- Rights Statements >
- Instances 3 >

State Normal School System Archival Object

Basic Information

Title *	State Normal School System
Ref ID	cfa353f5bcf64750707da513a3c843ce
Component Unique Identifier	
Level of Description *	Series
Publish?	<input checked="" type="checkbox"/>
Restrictions Apply?	<input type="checkbox"/>
Repository Processing Note	



▾

Minutes Sub-Series	Sub-Series	Text, Text, Text	archives box: 04, Folder: 17-18; a
Board of Presidents, 1920-1929	File	Text	archives box: 04, Folder: 17
Board of Presidents, 1930-1940	File	Text	archives box: 04, Folder: 18
State Teachers College Board Meetings, February 1922-January 1924	File	Text	archives box: 01, Folder: 11

- Basic Information >
- Languages 1 >
- Dates >
- Extents >
- Agent Links >
- Subjects >
- Notes >
- External Documents >
- Rights Statements >
- Instances 3 >

Save Archival Object

Minutes Sub-Series Archival Object

Basic Information

Title *	Minutes Sub-Series
Ref ID	448c5de2774b2cf74cd83d3234119d31
Component Unique Identifier	<input type="text"/>
Level of Description *	Sub-Series
Publish?	<input checked="" type="checkbox"/>
Restrictions Apply?	<input type="checkbox"/>
Repository Processing Note	<input type="text"/>

Helpful Links

- Our ArchivesSpace = <https://archivesspace.lib.mnsu.edu/public/>
- ArchivesSpace = <https://archivesspace.org/>
- ArchivesSpace Sandbox = <https://archivesspace.org/application/sandbox>
- ArchivesSpace GitHub = <https://github.com/archivesspace>
- ArchivesSpace YouTube = <https://www.youtube.com/channel/UCxR6D-UISx6N6UWTeqHTjzA/featured>

A word cloud featuring the word "Questions" in various languages. The word "Questions" is written in a large, bold, purple font at the bottom. Above it, numerous other words in different languages are arranged in a cloud-like pattern, including: "intrebari", "kerdesek", "cau hoi", "preguntas", "vragen", "otazky", "pytania", "domande", "tanong", "ceisteanna", "galderak", "spørsmål", "spurningar", "pitanja", "fragor", "spørsmal", "spurningar", "mistoqsijiet", "preguntas", "cwestiynau", "vprasanja", and "pitanja". The background is white with yellow decorative shapes.

Contact Us!

- Adam Smith = adam.smith-3@mnsu.edu
- Heidi Southworth = heidi.southworth@mnsu.edu
- Daniel Vang = daniel.vang@mnsu.edu
- Archives email = archives@mnsu.edu
- Archives phone = 507-389-1029
- Link to our Presentation =