

Creating 21st Century Digital Collections

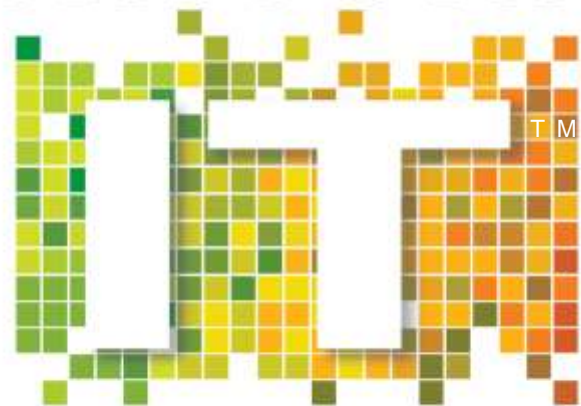
Kristen Gwinn-Becker, PhD



Ted Frantz, PhD



HISTORY



WE GIVE HISTORY A

FUTURE

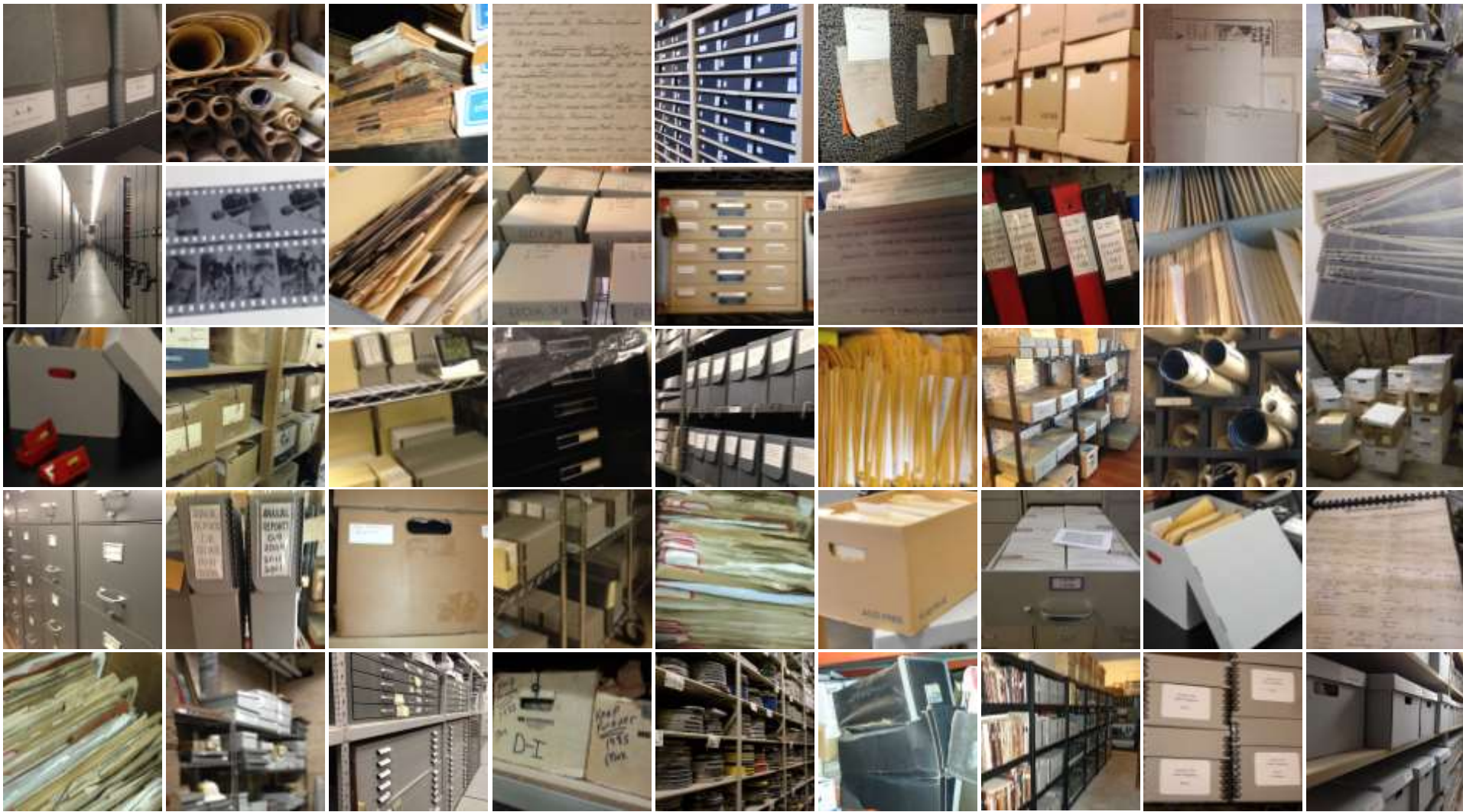
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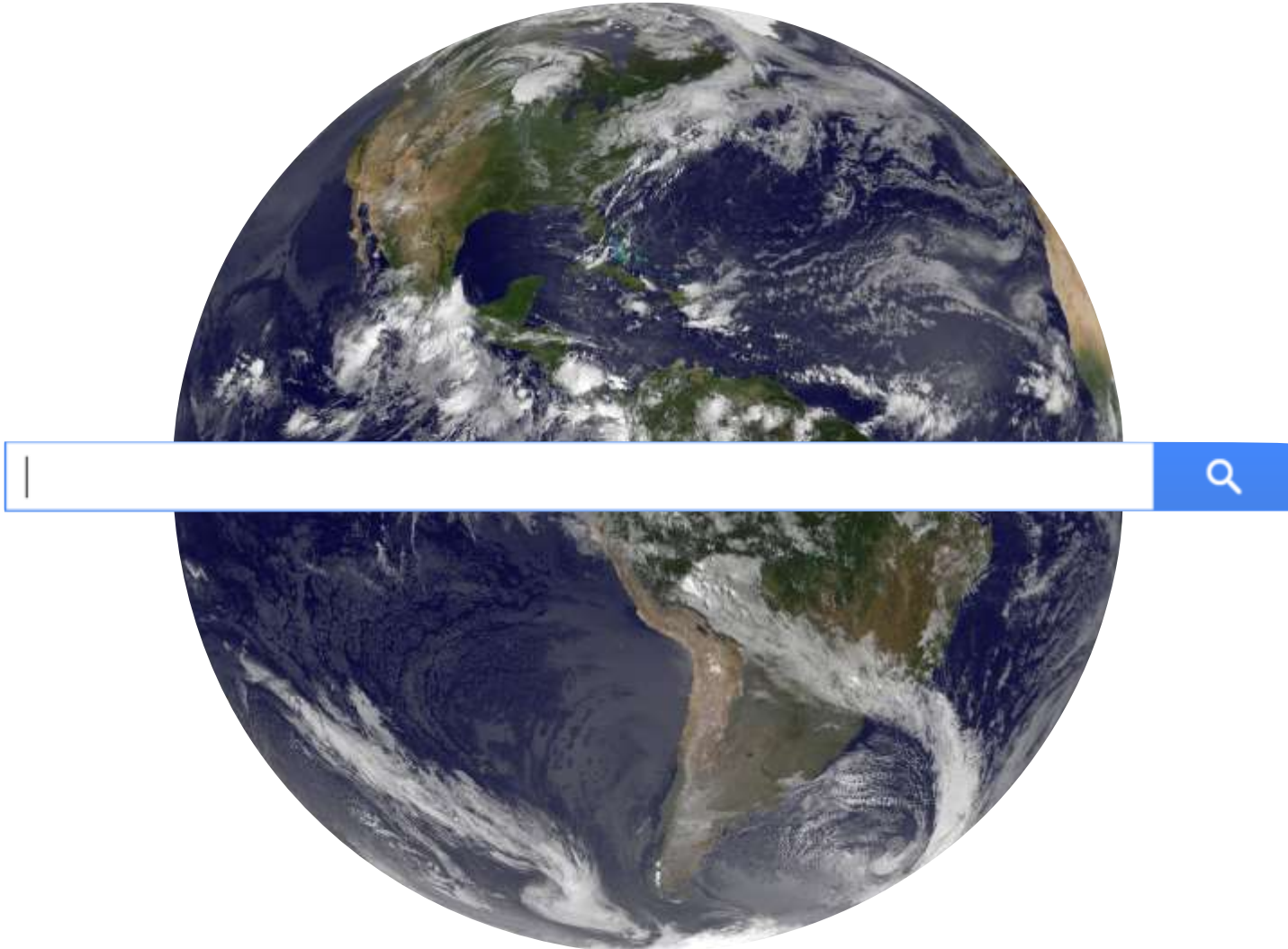
■ Pilot to Partnership



■ The Digital Imperative



■ Paradigm Shift



- 20th Century Digital History Web Sites
- Prioritize Management
- Involve Online Finding Aids
- Use Basic Metadata
- Utilize a Singular Subject Approach



■ 21st Century Web Sites

- Prioritize the Online User
- Involve Digital Strategy
- Use Enhanced Metadata
- Utilize a Dynamic Subject Approach



- Digital Strategy
- Digital Framework
- Digital Storytelling

■ Digital Strategy

- Honest Assessment of Current State
- Consistent Standards
- Detailed Plan
- Methodic Implementation

■ Digital Strategy

■ Honest Assessment of Current State

■ CONDITION

■ CONTENT

■ CATALOG

■ CAPACITY

■ Digital Strategy

■ Honest Assessment of Current State

■ CONDITION

- What is the condition of your physical collection?
- What is the state of your digital items?

■ Digital Strategy

■ Honest Assessment of Current State

■ CONDITION

- What is the condition of your physical collection?
- What is the state of your digital items?

■ CONTENT

- What subject matter do your holdings cover?
- What stories do you have to tell? Who is interested in those stories?

■ Digital Strategy

■ Honest Assessment of Current State

■ CONDITION

- What is the condition of your physical collection?
- What is the state of your digital items?

■ CONTENT

- What subject matter do your holdings cover?
- What stories do you have to tell? Who is interested in those stories?

■ CATALOG

- Does your catalog have item-level records with subjects?

■ Digital Strategy

■ Honest Assessment of Current State

■ CONDITION

- What is the condition of your physical collection?
- What is the state of your digital items?

■ CONTENT

- What subject matter do your holdings cover?
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■ CATALOG

- Does your catalog have item-level records with subjects?

■ CAPACITY

- What is your capacity for processing, digital imaging, catalog creation and design and web sharing?

Condition



Bite the bullet. You must be willing to admit past mistakes and decide what of your current digital layout to scrap and what to keep. The sooner you do that, the sooner you are on your way to a robust digital collection.

■ Digital Strategy

- Consistent Digital Standards for Archival Preservation
 - Documents: 600 DPI TIFFs
 - Photographs: 800 DPI TIFFs
 - Slides/Negatives: 1200 DPI TIFFs
 - 3D Objects: 1200 DPI TIFFs

■ Digital Strategy

■ Consistent Digital Standards for Web Sharing

- Documents: 300 DPI JPGs or PDFs

- Photographs: 300 DPI JPGs

- Slides/Negatives: 300 DPI JPGs

- 3D Objects: 300 DPI JPGs

Digital Standards



Always invest in creating archival preservation copies. Not only is it good stewardship, but it will allow you to create other web derivative versions in the future as the technology changes.

■ The UIndy Archive



■ Assessment Revealed

■ CONDITION

- Physical archives in risk of deterioration

■ CONTENT

- Items of significant value to scholars, journalists, faculty, and students, as well as the general public

■ CATALOG

- No way for people to explore materials or items related to them using the current system

■ CAPACITY

- No capacity in house to build a digital archive

■ CONCLUSION

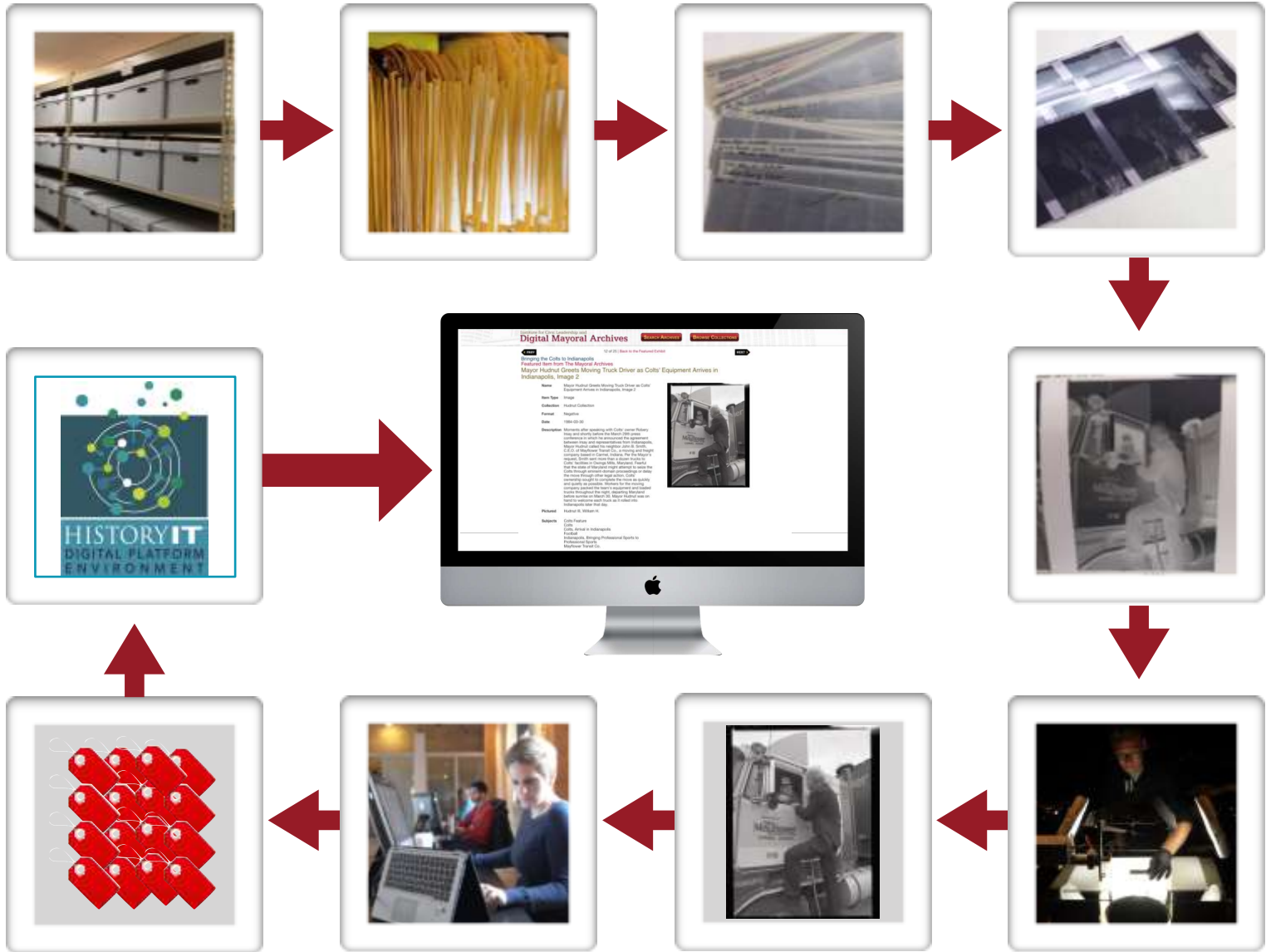
- Need for outside partner to provide services in digitization, metadata generation and external as well as internal management system

■ Vision for the Archive

- Digitally preserve the unique historical resources to ensure long-term security.
- Create a resource for faculty, staff, students, journalists, and the general public to easily search, access, encounter and retrieve materials.
- Educate the public using digitized archival materials, thereby expanding and promoting the institution's reputation.
- Produce new and engaging content from the digital primary sources and invite the public to curate their own stories.



■ Comprehensive Digitization



Bringing the Colts to Indianapolis

Featured Item from [The Mayoral Archives](#)

Mayor Hudnut Greets Moving Truck Driver as Colts' Equipment Arrives in Indianapolis, Image 2

Name Mayor Hudnut Greets Moving Truck Driver as Colts' Equipment Arrives in Indianapolis, Image 2

Item Type Image

Collection Hudnut Collection

Format Negative

Date 1984-03-30

Description Moments after speaking with Colts' owner Robert Irsay and shortly before the March 29th press conference in which he announced the agreement between Irsay and representatives from Indianapolis, Mayor Hudnut called his neighbor John B. Smith, C.E.O. of Mayflower Transit Co., a moving and freight company based in Carmel, Indiana. Per the Mayor's request, Smith sent more than a dozen trucks to Colts' facilities in Owings Mills, Maryland. Fearful that the state of Maryland might attempt to seize the Colts through eminent-domain proceedings or delay the move through other legal action, Colts' ownership sought to complete the move as quickly and quietly as possible. Workers for the moving company packed the team's equipment and loaded trucks throughout the night, departing Maryland before sunrise on March 30. Mayor Hudnut was on hand to welcome each truck as it rolled into Indianapolis later that day.

Pictured Hudnut III, William H.

Subjects Colts Feature
Colts
Colts, Arrival in Indianapolis
Football
Indianapolis, Bringing Professional Sports to
Professional Sports
Mayflower Transit Co.



Bringing the Colts to Indianapolis

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Colts
Colts, Arrival in Indianapolis
Football
Indianapolis, Bringing Professional Sports to Professional Sports
Mayflower Transit Co.



Mayor Hudnut Greets Moving Truck Driver as Colts' Equipment Arrives in Indianapolis, Image 2



Currently viewing: View All Collections » The William H. Hudnut, III Collection » Mayor Hudnut Greets Moving Truck Driver as Colts' Equipment Arrives in Indianapolis, Image 2 » View

Subject Tags



Restricted

No

Data Fields

Type	Negative
File Name	
Date	03/30/1984
Description	Moments after speaking with Colts' owner Robery Irsay and shortly before the March 29th press conference in which he announced the agreement between Irsay and representatives from Indianapolis, Mayor Hudnut called his neighbor John B. Smith, C.E.O. of Mayflower Transit Co., a moving and freight company based in Carmel, Indiana. Per the Mayor's request, Smith sent more than a dozen trucks to Colts' facilities in Owings Mills, Maryland. Fearful that the state of Maryland might attempt to seize the Colts through eminent-domain proceedings or delay the move through other legal action, Colts' ownership sought to complete the move as quickly and quietly as possible. Workers for the moving company packed the team's equipment and loaded trucks throughout the night, departing Maryland before sunrise on March 30. Mayor Hudnut was on hand to welcome each truck as it rolled into Indianapolis later that day.
Photographer	
Pictured	Hudnut III, William H.

Digital Records & Transcripts

Click on the Add Digital Record button below to insert a digital record here. Click on a digital record to view or update details or transcript records. Drag and drop the records to change their order, then click [Save Order](#).

1 

[Add New Digital Record](#)


■ Digital Framework

- Underlying Information Architecture [critical!]
- Audience Identification
- Enhanced Metadata
- Software Considerations

■ Digital Framework

■ Underlying Information Architecture [critical!]

The screenshot shows the New York Public Library website interface. At the top left is the library logo and name. On the right, there are links for 'LOG IN', 'GET A LIBRARY CARD', 'GET EMAIL UPDATES', and a red 'DONATE' button. Below these are navigation links: 'Browse', 'Learn', 'Attend', 'Research', 'Find Us', 'Give', 'Get Help', and a search icon. A search bar is present with filters for 'Extended Display', 'Limit Sort Search', 'Search As Words', and '(Search History)'. The search input field contains 'Andrew Carnegie' and the dropdown menu is set to 'Entire Collection'. A 'Search' button is to the right of the input field. Below the search bar, a yellow banner states 'No matches found; nearby Subjects are:'. Underneath this banner are buttons for 'Save Marked Records', 'Save All Records', and 'Save To My List'. A table of search results follows, with columns for 'Year' and 'Entries'. A 'More Information' button is visible next to the first result. The table lists several entries related to 'Andrew Carnegie' and 'Andrew Carnegie Romances'.

MY ACCOUNT
Sign in
Apply for a Library Card

SEARCH
Start Over
By Keyword
By Author
By Title
By Journal Title
By Subject
By Genre
By ISBN
By Call number
Advanced search

MY LIBRARY
Help
Comments
Recommend an Item for Purchase

LOG IN GET A LIBRARY CARD GET EMAIL UPDATES DONATE

Browse Learn Attend Research Find Us Give Get Help

Extended Display Limit Sort Search Search As Words (Search History)

Subject Andrew Carnegie Entire Collection Search

Limit search to available items

No matches found; nearby Subjects are:

Result Page Previous Next

Save Marked Records Save All Records Save To My List

	Year	Entries	Elsewhere
Andrew, Apostle, Saint -- Romances : The Acts of Andrew in the country of the Cannibals : translations from the Greek, Latin, and Old English / translated by Robert Boenig.	1991	1	More Information SERIALS LINKS
Andrew, Apostle, Saint -- Romances -- History and criticism : Saint and hero : Andreas and Medieval doctrine / Robert Boenig.	1991	1	
Andrew, Apostle, Saint -- Romances -- Sources : The Acts of Andrew in the country of the Cannibals : translations from the Greek, Latin, and Old English / translated by Robert Boenig.	1991	1	
Andrew, Apostle, Saint -- Songs and music : Selections	2001	1	
Your entry Andrew Carnegie would be here -- Search as Words			
Andrew Chalmers International Ltd. : The golden weed : a history of tobacco and of the House of Andrew Chalmers, 1865-1965 / written and compiled by Peter H. Mack.	1965	1	
Andrew, Charles E. -- See Also Cicero, 1926 .		1	
Andrew College (Cuthbert, Ga.) : The journal of Andrew Leary O'Brien; including an account of the origin of Andrew College, Cuthbert, Georgia. Foreward and notes by Annette McDonald Suarez.	1946	1	
Andrew College (Trenton, Tenn.) -- Registers : Catalogue of the officers and students of Andrew College, Trenton, Gibson County, Tennessee [electronic resource] : first session.	1854	1	
Andrew College (Trenton, Tenn.) -- Students -- Directories : Catalogue of the officers and students of Andrew	1854	1	

■ Digital Framework

■ Underlying Information Architecture [critical!]

The screenshot displays the New York Public Library website interface. At the top left is the library's logo and name. The top right contains navigation links: 'LOG IN', 'GET A LIBRARY CARD', 'GET EMAIL UPDATES', and a red 'DONATE' button. Below the logo is a search bar with a magnifying glass icon. A secondary navigation menu includes 'Browse', 'Learn', 'Attend', 'Research', 'Find Us', 'Give', and 'Get Help'. The main search area features a search bar with 'Carnegie, Andrew' entered, and filters for 'Subject', 'Entire Collection', 'System Sorted', and 'Sort'. Below the search bar are buttons for 'Extended Display', 'Limit Sort Search', 'Search As Words', and '(Search History)'. A sidebar on the left offers options for 'MY ACCOUNT' (Sign in, Apply for a Library Card) and 'SEARCH' (Start Over, By Keyword, By Author, By Title, By Journal Title, By Subject, By Genre, By ISBN, By Call number, Advanced search). Below the search bar are buttons for 'Save Marked Records', 'Save All Records', and 'Save To My List'. The main content area shows a table of search results for 'Carnegie, Andrew'.

	Subjects (1-20 of 20)	Year	Entries 165 Found	Elsewhere More Information Search for this word
1	Carnegie, Andrew.		6	
2	Carnegie, Andrew, 1835-1919.		136	
3	Carnegie, Andrew, 1835-1919. A. B. C. of money.		2	
4	Carnegie, Andrew, 1835-1919 -- Anniversaries, etc. ; Andrew Carnegie : 150th birthday.	1985	1	
5	Carnegie, Andrew, 1835-1919 -- Bibliography. ; Carnegie bibliography.	1931	1	
6	Carnegie, Andrew, 1835-1919. Carnegie anthology. ; 25 illustrations from A Carnegie anthology, New York, 1915.	1915	1	
7	Carnegie, Andrew, 1835-1919 -- Correspondence. ; Andrew Carnegie letters, 1868-1914.	1868 - 1914	1	
8	Carnegie, Andrew, 1835-1919 -- Drama. ; Andrew Carnegie ...	1935	1	
9	Carnegie, Andrew, 1835-1919 -- Family. ; The Andrew Carnegie ancestry : historic discoveries from new research / Keith Morgan.	2008	1	
10	Carnegie, Andrew, 1835-1919 -- Homes and haunts -- New York (State) -- New York.		2	
11	Carnegie, Andrew, 1835-1919 -- Homes and haunts -- Scotland. ; Skibo / Joseph Frazier Wall.	1984	1	
12	Carnegie, Andrew, 1835-1919 -- Influence.		2	
13	Carnegie, Andrew, 1835-1919 -- Juvenile literature. ; The Andrew Carnegie story, by Charlie May Simon.	1965	1	
14	Carnegie, Andrew, 1835-1919 -- Library. ; The Bibliolatrous series. Text and press work by Katherine Burton and Louise S.G. Perry ...	1938 - 1939	1	
15	Carnegie, Andrew, 1835-1919 -- Manuscripts. ; Andrew Carnegie: a register of his papers in the Library of	1964	1	

- Digital Framework
 - Audience Identification

20th Century Approach

Online Catalog → Scholars

■ Digital Framework

■ Audience Identification

20th Century Approach

Online Catalog → Scholars

21st Century Approach

Enhanced Digital Collection → Diverse Online Audiences

Audience Identification



Talk with everyone who uses your collection or knows it well. Think about different age groups, backgrounds - from local to global. Make a list of all of your potential audiences. Then, create a set of assumptions about the vocabularies for each.

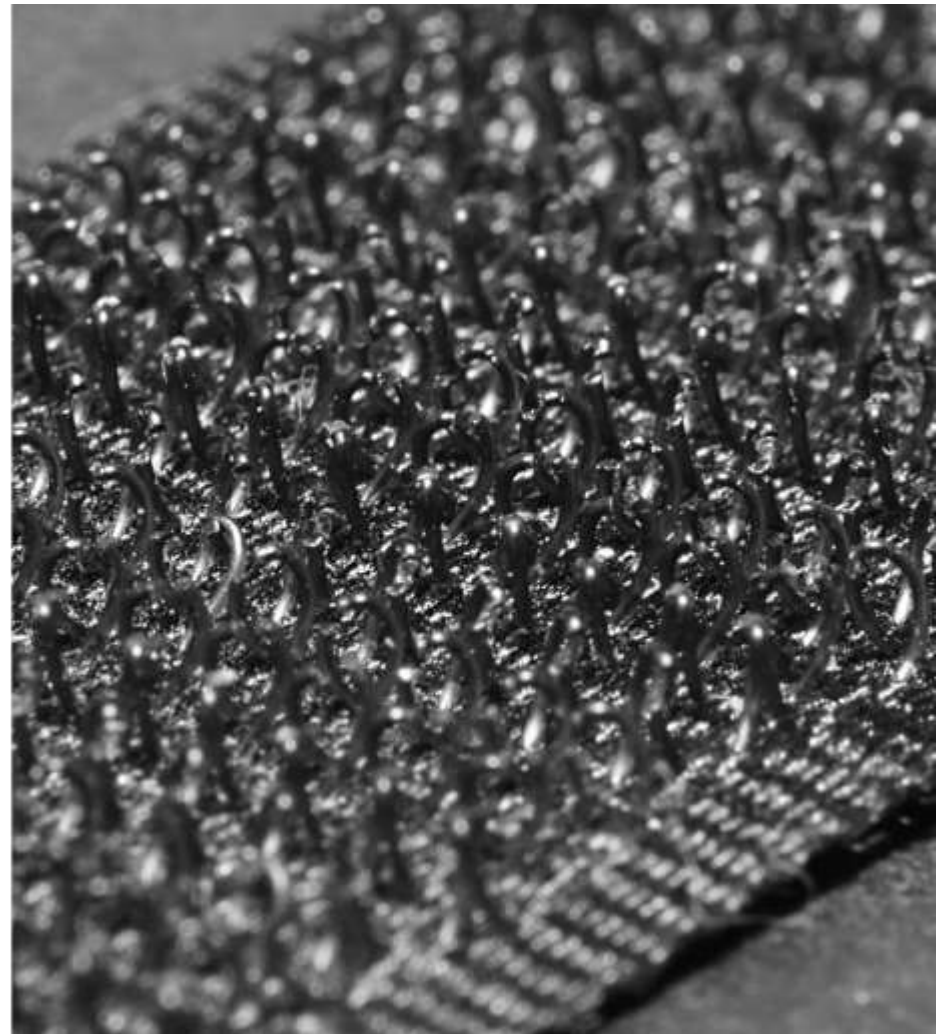
■ Digital Framework

■ Enhanced Metadata



■ Digital Framework

■ Enhanced Metadata



Enhanced Metadata



Outline the necessary fields and subject vocabularies that will directly tie your audiences to the content in your collections.

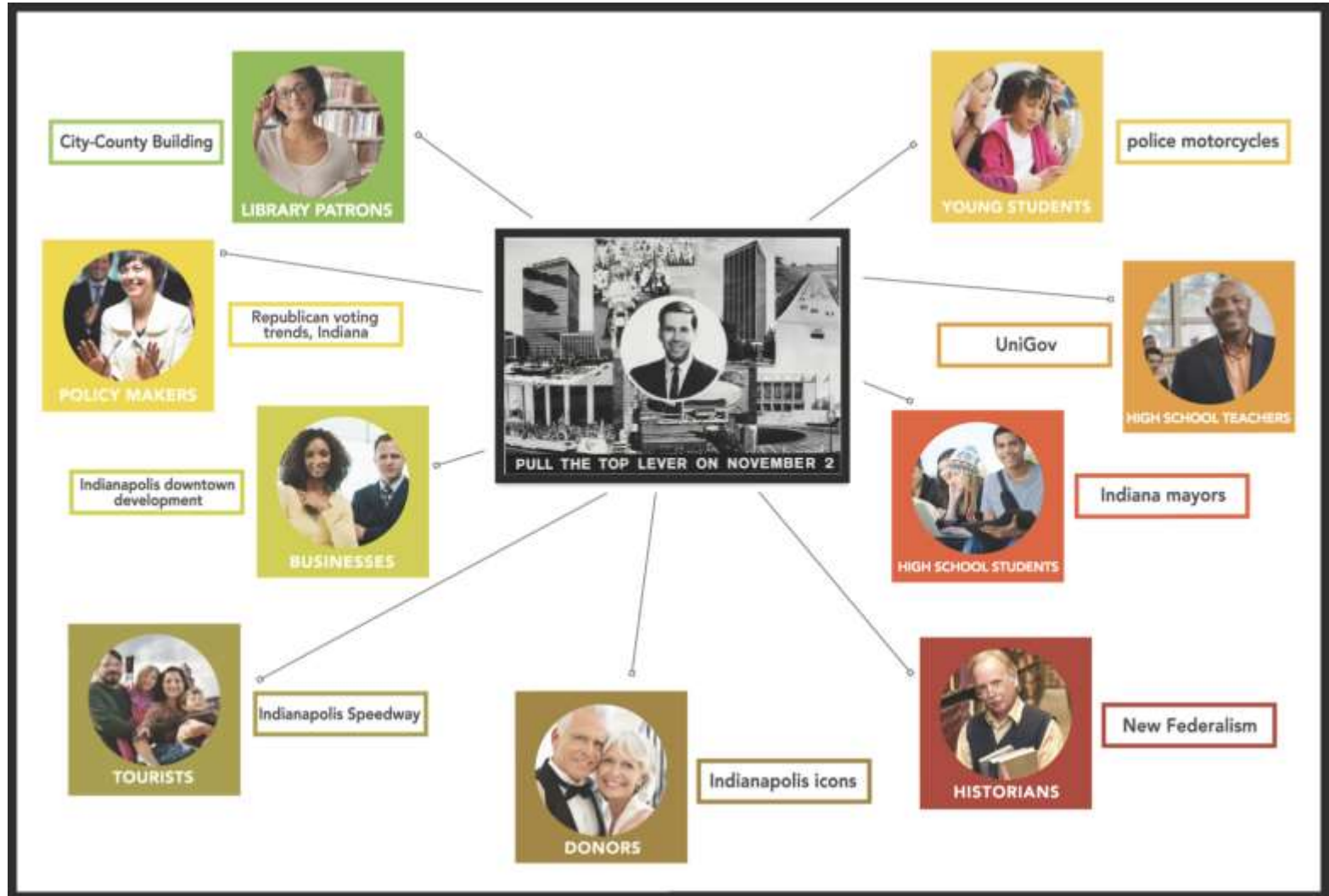
■ Digital Framework

■ Enhanced Metadata



■ Digital Framework

■ Enhanced Metadata



■ Digital Framework

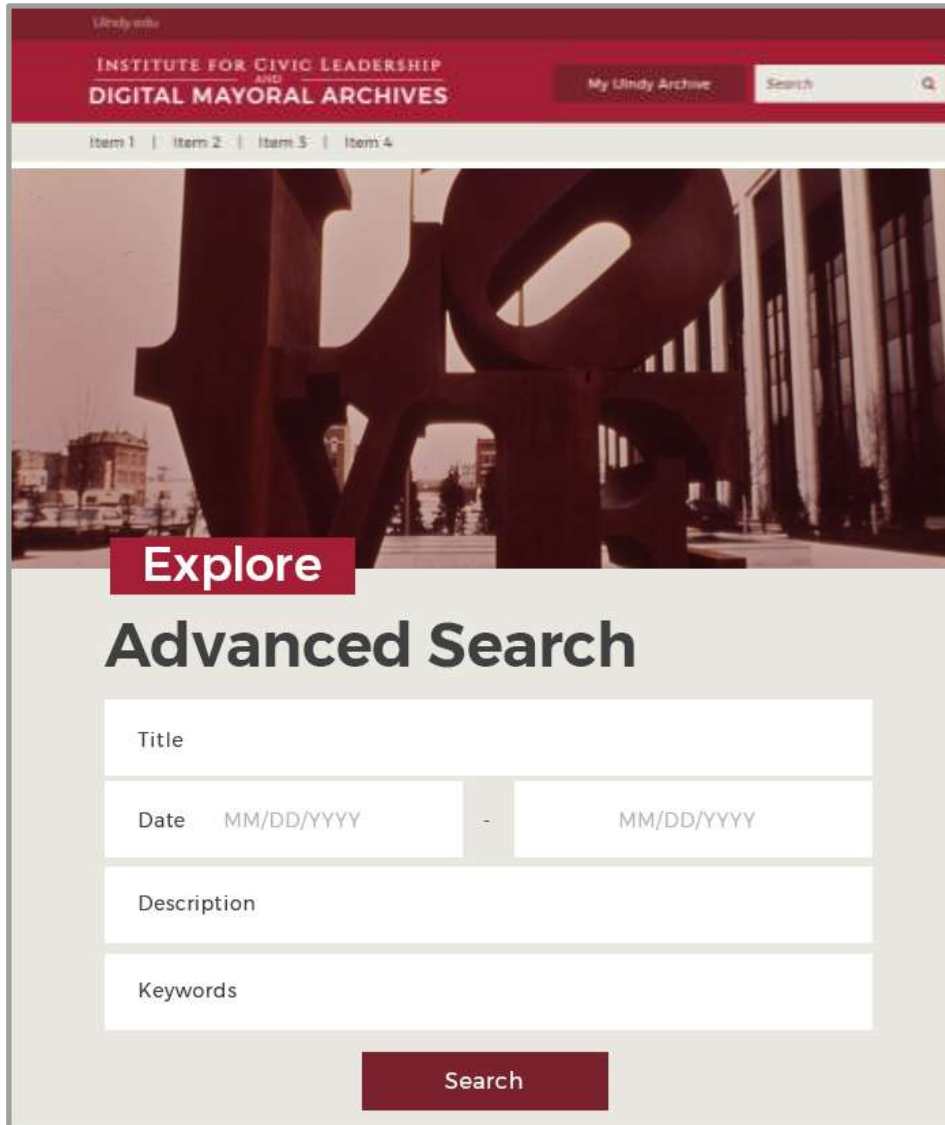
■ Software Considerations

- Software for management vs online sharing
- Collection management and sharing vs digital exhibit platform
- Single management system vs multiple systems
- Robust metadata capabilities
- Dynamic presentation options for sharing collections, not traditional interfaces
- Support services meet capacity
- Transparency of costs
- Ability to track user engagement and easily update
- Easy in and out

■ Digital Storytelling

- More Than a Wall of Words: Beyond the Search
- Digital Exhibits
- Interactive Scrapbooks
- Education Modules

- Digital Storytelling
 - Beyond the Search



The screenshot shows a web interface for the Institute for Civic Leadership and Digital Mayoral Archives. At the top, there is a red navigation bar with the text "INSTITUTE FOR CIVIC LEADERSHIP AND DIGITAL MAYORAL ARCHIVES" and a search box labeled "My UIndy Archive" with a magnifying glass icon. Below the navigation bar, there is a breadcrumb trail: "Item 1 | Item 2 | Item 3 | Item 4". The main content area features a large image of a sculpture in front of a building. Overlaid on the image is a red button labeled "Explore". Below the image, the heading "Advanced Search" is displayed. The search form includes several input fields: "Title", "Date" (with a date range selector showing "MM/DD/YYYY - MM/DD/YYYY"), "Description", and "Keywords". A red "Search" button is located at the bottom of the form.

■ Digital Storytelling


■ Digital Exhibits

UIndy.edu

INSTITUTE FOR CIVIC LEADERSHIP
AND
DIGITAL MAYORAL ARCHIVES

My UIndy Archive Search


Item 1 | Item 2 | Item 3 | Item 4



Exhibits

A Tribute to Mayor Bill


William H. Hudnut III (October 17, 1932 – December 17, 2016) was the longest serving mayor in Indianapolis.



Exhibits

Public Art in Indianapolis


Under the decisive leadership of resourceful city leaders, Indianapolis underwent a dramatic identity change.



Exhibits

Bringing The Colts to Indianapolis

For decades, civic leaders in Indianapolis saw professional sports as a ticket to urban growth.



Exhibits

UniGov: From City to Metropolis

In 1970, Indianapolis and Marion County established a consolidated governing system known as UniGov.

About

f i t t HISTORY IT
WE GIVE HISTORY A FUTURE

■ Digital Storytelling

■ Digital Exhibits

UIndy.edu

INSTITUTE FOR CIVIC LEADERSHIP
AND
DIGITAL MAYORAL ARCHIVES

My UIndy Archive

Search



Item 1 | Item 2 | Item 3 | Item 4

Exhibits

Bringing The Colts To Indianapolis

After decades of lobbying, fundraising, and negotiating, political and business leaders in Indianapolis finally achieved their goal of bringing an NFL franchise to Indianapolis. The Colts arrival in Indianapolis and their move into the newly constructed Hoosier Dome is a compelling local story with broad implications. The archival materials in this feature tell that story, while also highlighting the nature of civic identity and the impact of sports (especially professional franchises) on communities.

Start

About



HISTORY **IT**
WE GIVE HISTORY A FUTURE

Digital Storytelling

Digital Exhibits

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AND
DIGITAL MAYORAL ARCHIVES

My Uindy Archive

Search



Item 1 | Item 2 | Item 3 | Item 4



Exhibits Bringing The Colts To Indianapolis

Hoosier Dome, Aerial View, n.d.

The opening of the Hoosier Dome in 1984 marked the culmination of a multi-year, multi-institutional effort involving business leaders, philanthropists, and politicians to expand Indianapolis's sports and convention facilities. Civic leaders sought to use the facility as leverage to attract professional sports franchises (especially football and baseball) as well as amateur athletic events to Indianapolis. Even before the official opening events at the Hoosier Dome in May and July 1984, the structure served as a key bargaining chip in convincing owners of the Colts National Football League franchise to move from Baltimore to Indianapolis.

- More Items about the Hoosier Dome
- More items about infrastructure projects in Indianapolis
- More items about efforts to bring professional sports to Indianapolis

More Details

Share This

About



HISTORY IT
HO. KIDS. HISTORY. & EDUCATION

- Digital Storytelling
 - Interactive Scrapbooks



BABE RUTH Digital Scrapbooks

The Babe Ruth Digital Scrapbooks give readers a chance to witness Babe Ruth as most people did in the 1920s—through the newspapers. The scrapbooks were compiled by Ruth's publicity agent, Christy Walsh, who wrote many of the notices himself. Walsh collected reviews, profiles, editorials — any kind of article that included something about Ruth. He was well aware of the power of the media to shape public perception.

This interactive provides more context to each of Walsh's pages, as well as the individual items on each page. You can explore the pages of the Babe Ruth Digital Scrapbooks one-by-one, including by zooming in and out. Or you can click on any article for a closer view.

BABE RUTH ON THE STAGE

- Digital Storytelling
 - Education Modules

UIndy.edu

INSTITUTE FOR CIVIC LEADERSHIP
AND
DIGITAL MAYORAL ARCHIVES

My UIndy Archive

Search



Item 1 | Item 2 | Item 3 | Item 4



Education Resources

Recommended Resources



Education Resources

Digital Backpack

About



HISTORY IT
WE GIVE HISTORY A FUTURE

Q & A