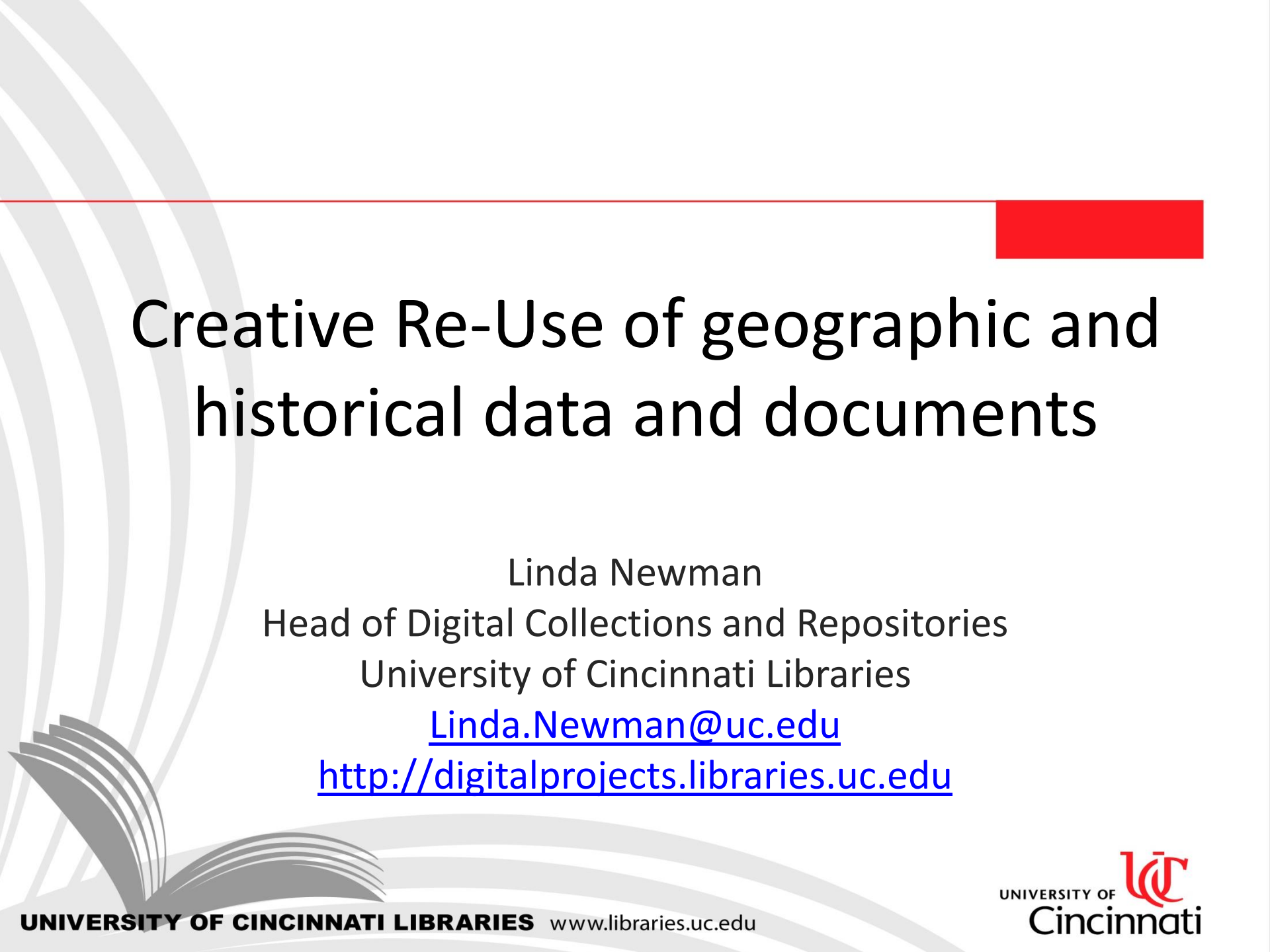




Creative Re-Use of geographic and historical data and documents

Linda Newman

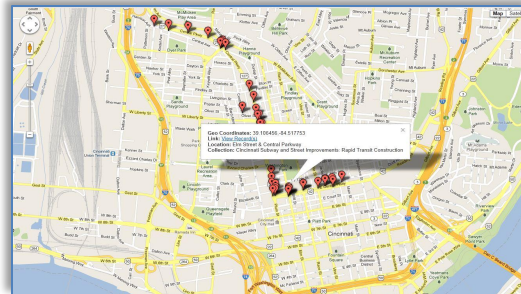
Head of Digital Collections and Repositories

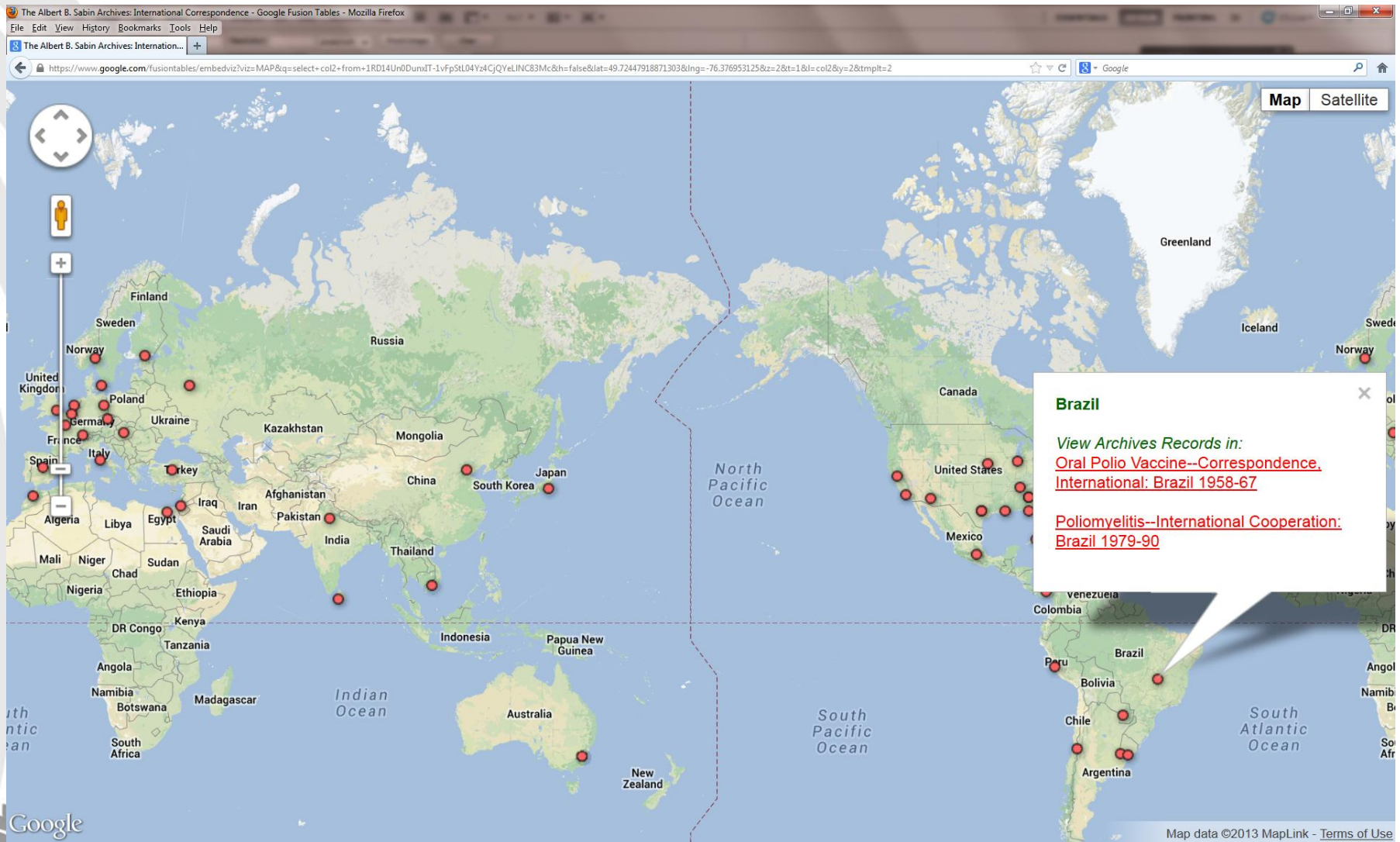
University of Cincinnati Libraries

Linda.Newman@uc.edu

<http://digitalprojects.libraries.uc.edu>

The University of Cincinnati Libraries has been able to re-use records and digital objects in our repository (<http://drc.libraries.uc.edu>) with map data presented through Google Fusion tables, with timelines that direct users to our repository but are presented in a web interface; and by presenting data sets for an historical archive of 19th century records, allowing the potential for researchers to discover new knowledge while reviewing the online archive.





Map is available at <http://sabin.uc.edu>

[UC DRC Home](#) ♦ [University of Cincinnati Libraries](#) ♦ [Science and Medicine](#) ♦ [Albert B. Sabin Archives](#) ♦ [Oral Poliovirus Vaccine](#) ♦ [Correspondence](#) ♦ [International](#) ♦ [Search](#)

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Search

Full Text Search:

Results/page

Sort items by

in order

Your query "(series:brazil)" produced 117 result(s).

Search Results for Collection: International

Now showing items 1-100 of 117

[Next Page](#)

[1](#) [2](#)

Photograph

unknown (*University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1958 - 196*)



[Brazil -- 1958-67 -- Correspondence, OPV International -- letter, 1958 - 1967?](#)

Hospital Geral Jesus (*University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1958 - 196*)

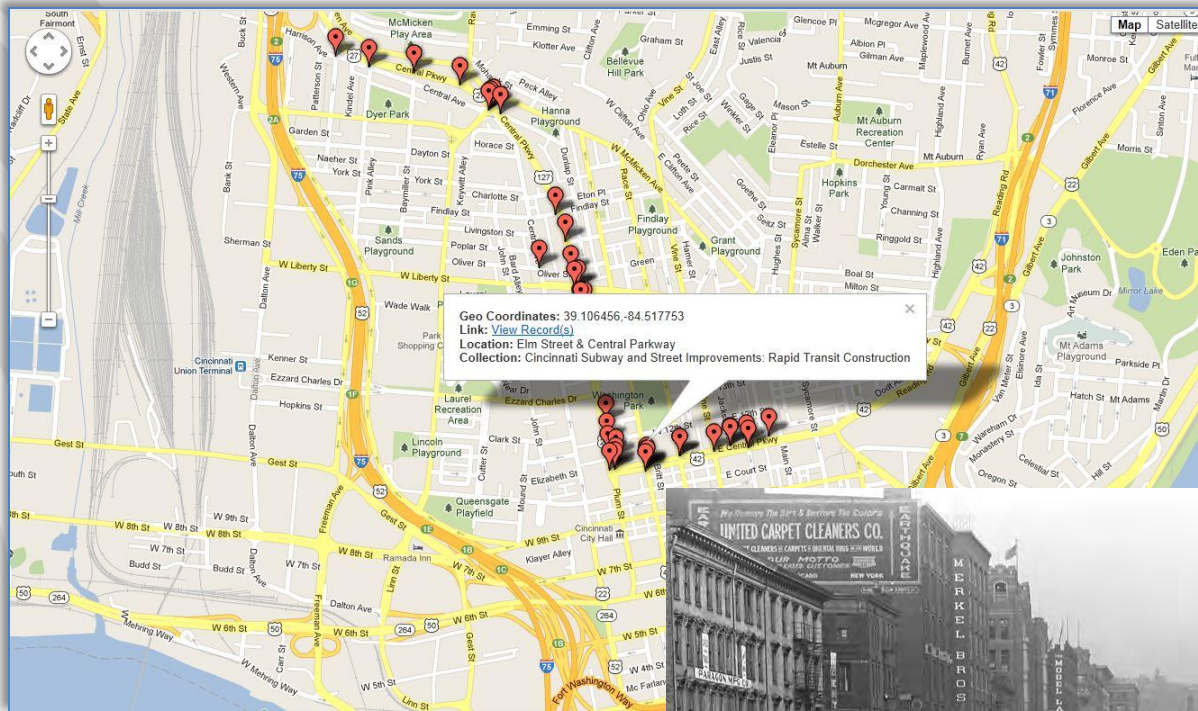


[Brazil -- 1958-67 -- Correspondence, OPV International -- letter, 1958 - 1967?](#)

unknown (*University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1958 - 196*)



Map links take the user directly to a set of records in the Sabin archive of correspondence or photographs relevant to the selected country.



A similar map (again using Google Fusion Tables) will allow users to visually see the route of the fabled, never finished Cincinnati subway project from the 1920's, and link directly to related images.



The Albert B. Sabin Archives: International Correspondence

Dr. Sabin spent the majority of his career researching poliomyelitis, one of the most feared diseases o... [more >>](#)

[University of Cincinnati The Hauck Center for the Albert B. Sabin Archives](#) - Edited on March 8, 2013

File Edit Tools Help [Map of Location](#)

Rows 1

Cards 1

Filter No filters applied. Sorted by Country

1-55 of 55

Country	Map Coor...	Oral Poliovirus Vaccine (OPV), Correspondence	(OPV) Correspondence Link	Poliomyelitis, International Cooperation	Poliomyelitis, International Cooperation Link
Argentina	-34.597324,	Oral Poliovirus Vaccine--Correspondence, International: Argentina 1961-69	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3AArgentina%29&rpp=100&sort_by=2&order=ASC&submit=Go		
Australia	-35.273653,	Oral Poliovirus Vaccine--Correspondence, International: Australia 1961-68	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3AAustralia%29&rpp=100&sort_by=2&order=ASC&submit=Go		
Belgium	50.856243,4	Oral Poliovirus Vaccine--Correspondence, International: Belgium 1966-68	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3ABelgium%29&rpp=100&sort_by=2&order=ASC&submit=Go		
Brazil	-15.705019,	Oral Polio Vaccine--Correspondence, International: Brazil 1958-67	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3ABrazil%29&rpp=100&sort_by=2&order=ASC&submit=Go	Poliomyelitis--International Cooperation: Brazil 1979-90	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3ABrazil%29&rpp=100&sort_by=2&order=ASC&submit=Go
Canada	45.492871,-	Oral Poliovirus Vaccine--Correspondence, International: Canada 1959-78	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3ACanada%29&rpp=100&sort_by=2&order=ASC&submit=Go		
Ceylon	7.122696,75	Oral Poliovirus Vaccine--Correspondence, International: Ceylon 1962-68	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3ACeylon%29&rpp=100&sort_by=2&order=ASC&submit=Go		
Chile	-33.41998,-7	Oral Poliovirus Vaccine--Correspondence, International: Chile 1961-64	http://drc.libraries.uc.edu/handle/2374.UC/664221/search?query=%28series%3AChile%29&rpp=100&sort_by=2&order=ASC&submit=Go		

A glimpse of the table (a Google 'Fusion' table) in Google that is used to build the Sabin map.


```

<!--sabin timeline script-->
<script type="text/javascript">
  var timeline_config = {
    width:      '900',
    height:     '640',<!--needs to be worked with to show pictures correctly-->
    source:     'https://docs.google.com/spreadsheet/pub?key=0AgOq17Q728Rjd
Gt0Y3V1bzd1Mk5INUNTU3dvMVdDRUE&output=html',
    embed_id:   'timeline-embed',      //OPTIONAL USE A DIFFERENT DIV ID FOR
EMBED
    start_at_end:  false,              //OPTIONAL START AT LATEST DATE
    start_at_slide: '0',              //OPTIONAL START AT SPECIFIC SLIDE
    start_zoom_adjust: '3',          //OPTIONAL TWEAK THE DEFAULT ZOOM
LEVEL
    hash_bookmark: false,             //OPTIONAL LOCATION BAR I
    font:         'css/fonts/PlayfairDisplay-Muli.css',//OPTIONAL FONT
    debug:        true,              //OPTIONAL DEBUG TO CONSOLE
    lang:         'es',              //OPTIONAL LANGUAGE
    maptype:      'watercolor',      //OPTIONAL MAP STYLE
    css:          'css/timeline.css', //OPTIONAL PATH TO CSS
    js:           'scripts/timeline-min.js' //OPTIONAL PATH TO JS
  }
</script>
<script type="text/javascript" src="scripts/storyjs-embed.js"></script>
<!--end sabin timeline script-->

```

A javascript and a Google spreadsheet are used to create an interactive timeline with links to the repository.

https://docs.google.com/spreadsheet/ccc?key=0AgOq17Q728RjdGt0Y3V1bzd1Mk5INUNTU3dvMVdDRUE#gid=0

The Albert B. Sabin Archives Timeline ☆

File Edit View Insert Format Data Tools Help Last edit was made on May 14 by carrie.hsquared

	A	B	C	D	E	F	G	H	I
	Start Date	End Date	Headline	Text	Media	Media Thumbnail	Media Credit	Media Caption	Type
1									
2				Dr. Albert Sabin, developer of the oral polio vaccine, donated his complete correspondence, laboratory materials, manuscripts, awards and medals to the University of Cincinnati. His papers document both the development and testing of the oral polio vaccine and the growth of virology as a discipline. Center</spar Explore the interactive timeline of Dr. Sabin's life, career and medical research—find a rich archives of his correspondence, military service, poliomyelitis and his oral poliovirus vaccine in the Archives Digital Collection, or discover new connections in the UC Libraries Albert B. Sabin Archives Digitization Project Blog posts.	http://libraries.uc.edu/hsl/history/sabin/images/sabin-1900-title-photo.jpg	http://libraries.uc.edu/hsl/history/sabin/images/sabin-1900-title-photo.jpg	http://hdl.handle.net/2374.UC/692921	Dr. Albert B. Sabin, distinguished service professor of research pediatrics at the University of Cincinnati College of Medicine and fellow of the Cincinnati Children's Hospital Research Foundation, developed the oral live-virus vaccine against poliomyelitis, which is known as the "Sabin Vaccine." Dr. Sabin is photographed before a roller drum used for sterilizing material.	title
3				Albert B. Sabin was born August 26, 1906 in Bialystok which was then a part of Russia. Following pogroms, or violent raids, in 1905 most of Sabin's family moved to the United States. Only his immediate family remained in Bialystok to care for his maternal grandmother. His mother, father, and three siblings—two sisters and a brother—remained in the German occupied town for many years	http://libraries.uc.edu/hsl/history/sabin/images	http://libraries.uc.edu/hsl/history/sabin/images	http://hdl.handle.net/2374.UC/693038	In the Albert B. Sabin Archives Digital Collection	

This interactive timeline can be found at <http://sabin.uc.edu>, which in turn links to the Sabin Archives in our repository.

HENRY R. WINKLER CENTER for the HISTORY of the HEALTH PROFESSIONS
UC LIBRARIES | DONALD C. HARRISON HEALTH SCIENCES LIBRARY

UNIVERSITY OF CINCINNATI

HAUCK CENTER for the **ALBERT B. SABIN ARCHIVES**

A BIOGRAPHY OF DR. SABIN | SABIN SUNDAYS AND HIS ORAL POLIO VACCINE | THE ARCHIVES | [search the digital collection](#) **GO**

1934 — 1937
With Peter Olitsky cultivated poliovirus in human embryonic nervous tissue; investigated the nasal portal of entry theory and possibilities for chemical prevention of infection

Dr. Sabin worked closely with Dr. Peter Olitsky to overcome one of the early obstacles to effective polio research: the virus could not be replicated in the lab. Together, they found that it could be reproduced in nervous tissue which allowed more easily for experimentation. They also discovered that polio in humans does not enter through the nose as previously posited and disproved the effectiveness of nasal sprays for inoculation. This gave researchers important information about the source of human infection.

1932
Isolated "B" Monkey Virus

1934
Received National Research Council Fellowship to study at the Lister Institute, London

1930
LUNG USED IN POLIO TREATMENT INVENTED

1930
Published "Rapid Typing Method for Testing Pneumonia"

1930
Graduated medical school, began internship

1930
Isolated "B" Monkey Virus

1930
Received National Research Council Fellowship to study

1930
Joined Rockefeller Institute of Medical Research

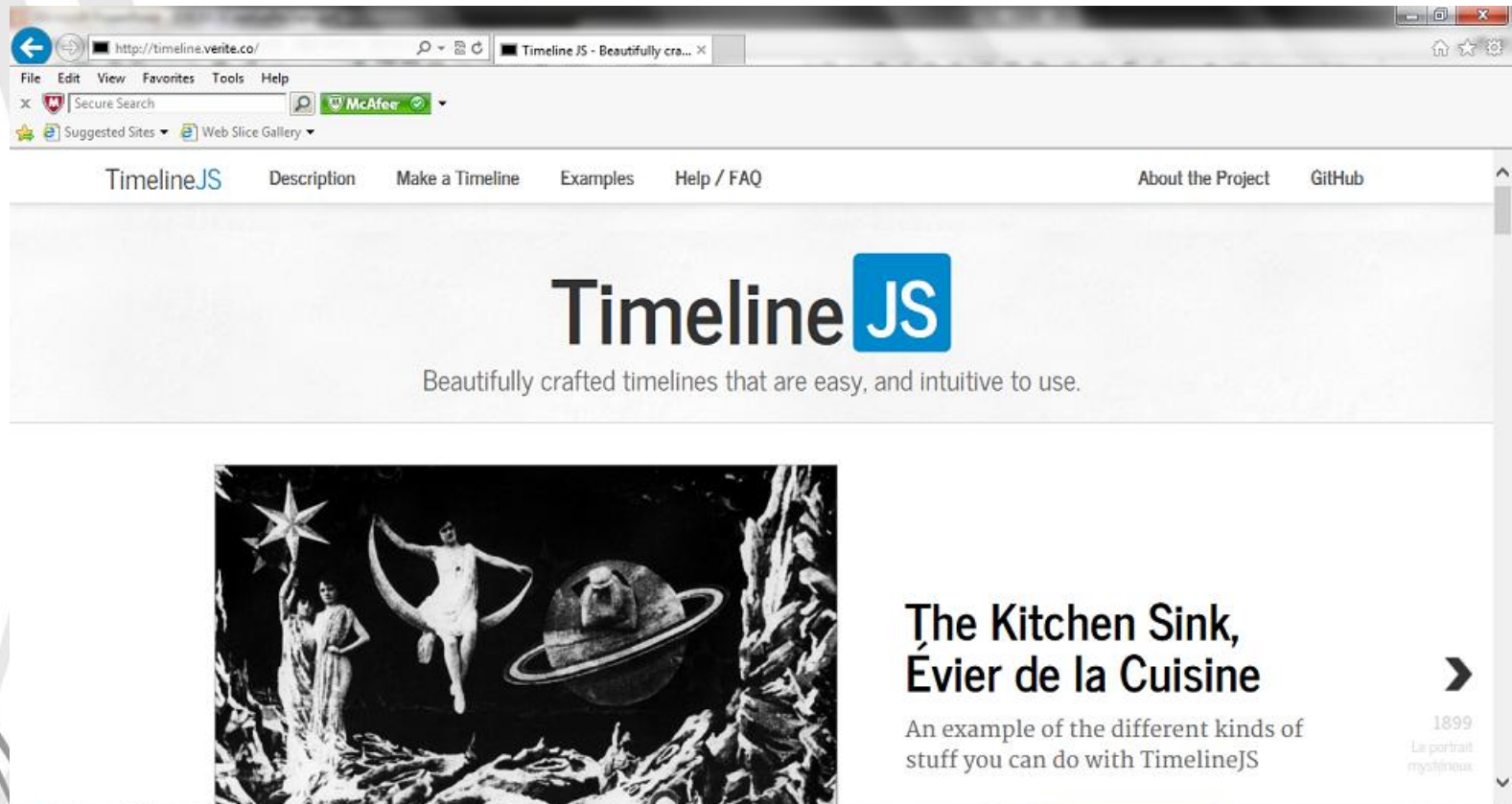
1930
With Peter Olitsky cultivated poliovirus in human embryonic

1930
The National Foundation for Infantile Paralysis

1930
NIP (MARCH OF DIMES)

UNIVERSITY OF CINCINNATI LIB

The timeline javascript is from
<http://timeline.verite.co/>



The Google map and the interactive timeline both offer graphical discovery tools for what otherwise is a rather dry archive of 30,000 letters and 1000 photographs found at <http://drc.libraries.uc.edu/handle/2374.UC/664209>.

Browsing Albert B. Sabin Archives by Title

0-9 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Or enter first few letters:

Sort by: Order: Results:

Now showing items 1-20 of 34712

[Next Page](#)

1 Neutralization of Porcine (V5-1250) and RSSE Viruses by Various Standard Rabbit Antisera

unknown (University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1951-01-16)



1000 Years of Pharmacy January 26, 1940 8:15 TO 8:30 PM.

unknown (University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1940-01-26)



13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists -- 1956-57 -- Speaking Engagements -- letter, 1956 - 1957?

Frank, B. L. (University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1956 - 195)



13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists -- 1956-57 -- Speaking Engagements -- letter, 1956-06-15

Sabin, Albert B. (Albert Bruce), 1906-1993 (University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1956-06-15)



13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists -- 1956-57 -- Speaking Engagements -- letter, 1956-08-30

Frank, B. L. (University of Cincinnati. University of Cincinnati Libraries; University of Cincinnati; University of Cincinnati. Hauck Center for the Albert B. Sabin Archives, 1956-08-30)



13th All-Union Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists -- 1956-57 -- Speaking Engagements -- letter, 1957-01-25

Worthingham, Catherine (University of Cincinnati. University of Cincinnati



Browsing Albert B. Sabin Archives by Series

0-9 A B C D E F G H I J K L M N O P Q R S T U V W

Or enter first few letters:

Order: Results:

Now showing items 1-20 of 1503

Series

[Sabin Archives. 1960-1990. Box 01. File 01 \(1960-1990\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Reported by Surgeon Generals Office -- 1941\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File 1941-45\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File \(Administrative. Commissions Deferments -- 1941-46\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Reported by Surgeon Generals Office -- 1942\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File \(Inventories of Expendable and Non-Expendable Items Purchased -- 1942-46\)](#)

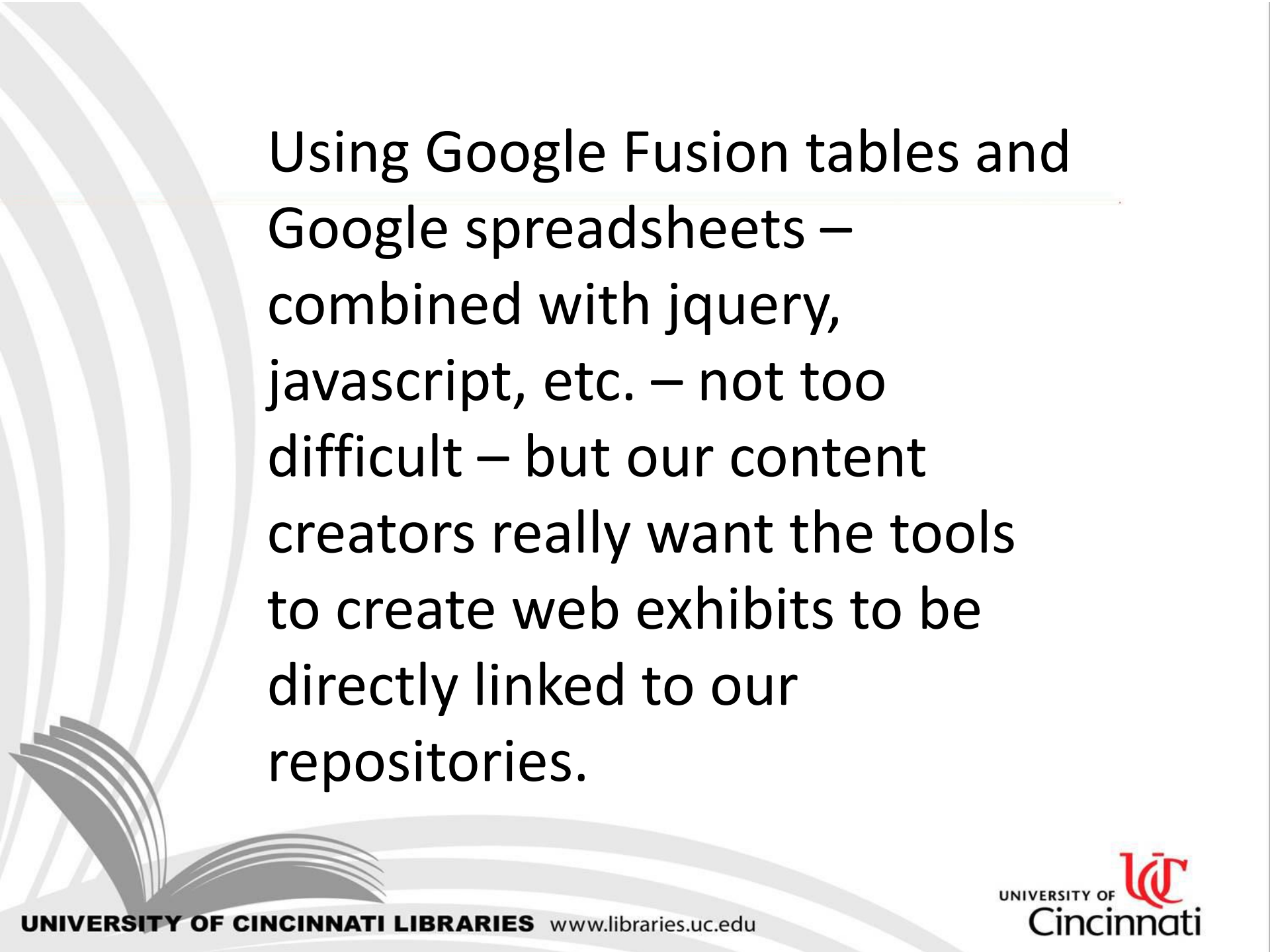
[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Reported by the Surgeon Generals Office -- 1943\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Report -- 1943\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Papers -- 1943\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File Reported by the Surgeon Generals Office -- Oct. 1943-Feb. 1944\)](#)

[Sabin Archives. Administrative/Meetings, Military Service, AFEB. Box 07. File](#)



Using Google Fusion tables and Google spreadsheets – combined with jquery, javascript, etc. – not too difficult – but our content creators really want the tools to create web exhibits to be directly linked to our repositories.

We are digitizing the ledger books of The House of Refuge, a juvenile detention center in Cincinnati in the 19th century. These ledger books were the 'spreadsheets' of the day, and show age of arrestee, parentage (race), reason for arrest, etc.

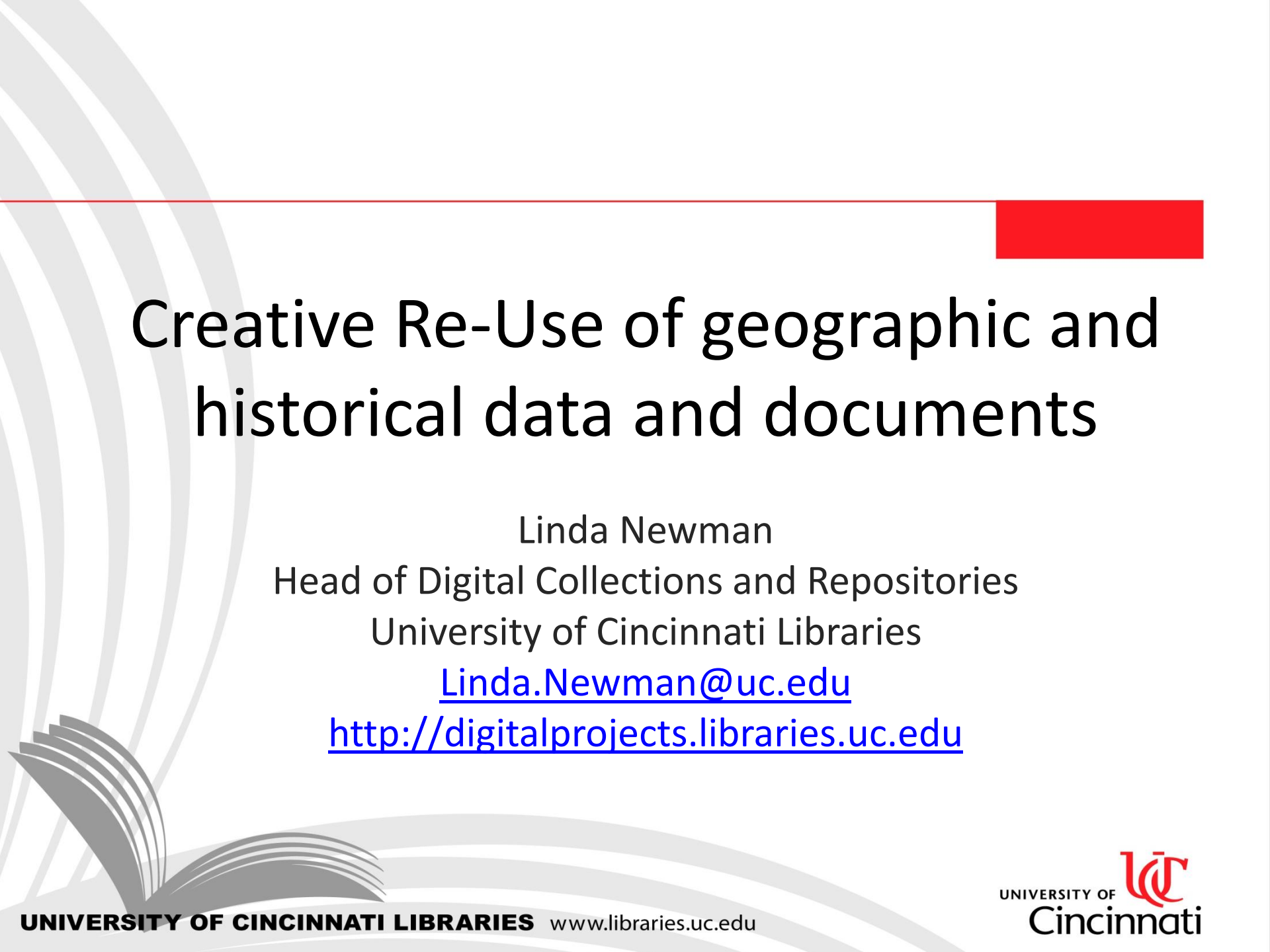
AGE.	No. of Times Arrested.	WHERE BORN.	PARENTAGE.	Religion.	Father Living.	Mother Living.	Has Step Father.	Has Step Mother.	Father Drinks.	Mother Drinks.	Appearance Good.	Appearance Bad.	Uses Tobacco.	Uses Liquor.	Swears.	Had Regular Work.	Can Read.	No. of Reader.	Can Write.	Played Truant.	No. of Times in Refuge.	Complaint of Father.	Complaint of Mother.	Complaint of Police.	DISPOSAL.
11	1	Ohio	American	C	1	1	-	-	-	-	1	-	-	-	-	1	3	1	-	-	-	1	-	-	1 st 2 ^d - Dir Boys
8	1	"	German																						Spec. 1 st " Girls
12	1	Ky	Negro	P.	1	-	-	-	-	1	1	-	-	-	-	1	1	1	-	2	-	-	1	-	2 ^d - " Boys.
11	1	Ohio	German	C	1	-	-	-	1	-	1	-	-	-	-	1	4	1	-	1	-	-	-	-	2 nd " "
10	1	Kentucky	Negro	P	1	1	-	-	1	-	1	-	-	1	-	1	2	1	-	-	1	-	-	-	1 st " "
13	1	Ohio	German	P.	1	1	-	-	-	-	1	-	-	-	-	1	4	1	-	-	-	-	-	-	1 st Trial Jan 20 th 91
14	2	"	English	P.	1	1	-	1	-	1	-	-	-	-	-	1	2	1	-	2	-	1	-	-	2 nd - Dir Boys.
12	2	"	"	P.	1	1	-	1	-	1	-	-	-	-	-	1	1	1	-	2	-	1	-	-	1 st " "

VOLUME 5-HOUSE OF REFUGE 1898										
Sl. No.	Date	History Num	Name	For what committed	By whom comn	Age	Where bo	Parentage	Religion	Image No.
1	1891-01-02	6376	Mehan, Gus	Petit Larceny	Police Court	11	Cinti	American	C	v005_001
2	1891-01-02	6377	Schott, Cora	Homeless	Police Court	8	Cinti	German		v005_001
3	1891-01-03	6120	Delancy, Geo	Homeless	Police Court	12	Ky	Negro	P	v005_001
4	1891-01-05	6378	Lee, Dennis	Petit Larceny	Police Court	11	Cinti	German	C	v005_001
5	1891-01-05	6379	Floyd, Rufus	Petit Larceny	Police Court	10	Kentucky	Negro	P	v005_001
6	1891-01-06	6380	Lammers, Chas	Assault & Battery	Police Court	13	Cinti	German	P	v005_001
7	1891-01-07	5259	Kirby, Charles	Homeless	By Parent	14	Cinti	English	P	v005_001
8	1891-01-07	5260	Kirby, John	Homeless	By Parent	12	Cinti	English	P	v005_001
9	1891-01-07	6381	Shellhammer	Homeless	By Parent	6	Cinti	English	P	v005_001
10	1891-01-07	6382	Shellhammer	Homeless	By Parent	4	Cinti	English	P	v005_001
11	1891-01-08	6383	Johnson, Chas	Homeless	Police Court	11	Ohio	Negro	P	v005_001
12	1891-01-08	6357	Leach, Annie	Homeless	Returned for a	14	Ohio	American		v005_001
13	1891-01-10	6143	Martin, John N	Incorrigibility	Recalled	12	Ky	English	P	v005_001
14	1891-01-15	6384	Moore, Leonard	Incorrigibility	Saml Ballinger	15	Ohio	American	P	v005_001
15	1891-01-17	6385	Kennedy, Napo	W. S. Home	Vincent Schwab	10	Kentucky	Negro	P	v005_001
16	1891-01-17	6386	Camaglia, Bene	Incorrigibility	Police Court	14	Italy	Italian	C	v005_001
17	1891-01-19	6387	Jones, Louisa	Loitering	Police Court	15	Ohio	Negro	P	v005_001
18	1891-01-19	6388	Brown, William	Incorrigibility	Wm B Welsh J F	10	Ohio	American	C	v005_001
19	1891-01-19	6389	Jones, Lillie	W. S. Home	Vincent Schwab	14	Ohio	American		v005_001
20	1891-01-22	6351	Cox, Rndolph	Petit Larceny	Returned by Fa	15	Ala	American	P	v005_001

Our solution is to present the transcribed data as a spreadsheet (csv and xml), linked to the same record as the pdf with the images of the ledger books.

Content curators need to be able to create interactive, graphic exhibits that provide visual entrances to our repositories. Datasets need to be able to be analyzed and visualized.

These techniques may offer a fore-shadowing of the kinds of services, for both data and text mining and visualization, that should be either embedded in our repositories, or made available as external tools if we have a fully featured API for our repositories. Repository managers must still primarily be concerned with ingest, organization and long term preservation, which is why the latter approach may be the most viable in the near future.



Creative Re-Use of geographic and historical data and documents

Linda Newman

Head of Digital Collections and Repositories

University of Cincinnati Libraries

Linda.Newman@uc.edu

<http://digitalprojects.libraries.uc.edu>