### Catholic Research Resources Alliance

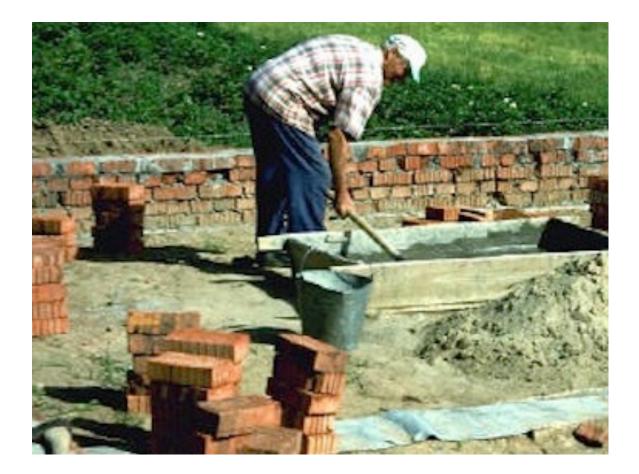
M E

### Best Practices for Digital Archiving: Aggregated, Catholic, Collaborative

Catholic Media Conference June 3, 2016 Pat Lawton, Digital Initiatives Jennifer Younger, Executive Director

# Aggregated, Catholic, Collaborative

- One archive, many Catholic newspapers
- Partnering for success
- Leadership by and for the community
- Based on best practices that result in more readers, better user experience, shared costs, more revenue, digital archiving and community stewardship
- Catholic News Archive



### **Building the foundation**

### **Priority papers 1.7 Million pages**

- Catholic News Service
   Newsfeeds 1920-1986
- Chicago, 1852-2013
- Hartford, 1876-2013
- Miami, 1939-2013
- National Catholic Reporter, 1964-2013
- New Orleans, 1842-2013

- New York, 1859-2013
- Philadelphia, 1833-2013
- Pittsburgh, 1844-2001
- San Francisco, 1861-2013
- St. Louis, 1941-2013

### Vatican II Years

- Digitizing partners at
- <u>http://www.catholicresearch.net/cms/</u> <u>index.php/about/crra-groups/catholic-</u> <u>newspapers-committee/crra-digitizing-</u> <u>partners/</u>
- 23 Founders
- CRRA commitment

### Founders Catholic News Archive

- Archdiocesan Center at St. Thomas Seminary
- Archdiocese of New Orleans
- Ave Maria University School of Law Library
- Catholic Theological Union
- Catholic University of America
- College of the Holy Cross
- Duquesne University
- Georgetown University
- Loyola University Chicago
- Mount St. Mary's University
- Our Lady of Victory Missionary Sisters

- Philadelphia Archdiocesan Historical Research Center
- Saint Louis University
- Seton Hall University
- St. Charles Borromeo Seminary
- St. Norbert College
- St. Thomas University
- University of Dayton
- University of Notre Dame
- University of Saint Mary of the Lake/Mundelein Seminary
- University of San Diego
- University of San Francisco
- University of St. Thomas

### Taking shape – Catholic News Archive

- Digitize
- Set up platform
- Provide access
- Archive



### Catholic News Archive <u>http://demos.veridiansoftware.com/crra/</u> <u>cgi-bin/crra</u>

	Catholic Research Resources AllianceHomeSearchTitlesDatesHelp	Register Log in
	SEARCH THE COLLECTION Search COLLECTION Search ABOUT THIS COLLECTION Welcome to this demonstration version of the Veridian ™ digital thoray presentation system. For more information about this system please contact us at www.veridiansoftware.com.	BROWSE THE COLLECTIONImage: Decision of the colspan="2">Image: Decision of the colspan="2" Image: Decision of the colspan="2">Image: Decision of the colspan="2" Image:

### **Declaration on Non-Christian Religions**

No search filters set		Declaration "Non-Christian Religions"       Search       Clear search       Help       Search history         Search within:       Full text       Search summaries:       Text       Results per page:       20         From:       Day       Month       Year       To:       Day       Month       Year         In:       All publications       Clarion Herald       National Catholic Reporter       The Catholic Standard and Times			
		The Monitor			
Refine search		Search results			
Publication	Ξ	Your search for <b>Declaration "Non-Christian Religions</b> " found 11 results. Showing results 1 to 11. Sort by: best match first			
The Monitor (5) National Catholic Reporter (4) Clarion Herald (1)		<ul> <li>Declaration improved by conflict, says Bea [ARTICLE+ILLUSTRATION] National Catholic Reporter 10 November 1965</li> <li>Declaration improved by conflict, says Bea</li> </ul>			
The Catholic Standard and Times (1)		In and about this issue [ARTICLE]			
Category ARTICLE (10)		National Catholic Reporter 10 November 1965 council documents. We're running the complete text of the Declaration on the Relation of the Church to Non-Christian Religions,			
ILLUSTRATION <b>(5)</b> PAGE <b>(1)</b>		Statement on Jews Set for Proclamation [ARTICLE] The Monitor 21 October 1965			
Author		Pope Paul VI has decided that the schema on non-Christian religions which also sets forth the close bonds between			
ARCHBISHOP McGUCKEN (1) Fr. P. JORDAN, O.S. B (1)		On non-Christian religions [ARTICLE+ILLUSTRATION] National Catholic Reporter 10 November 1965			

### **Declaration Text and Image**

	NA NA 21 IS Home	Catholic Research Resources Alliance
Catholic Research Resources Alliance > National Ca National Catholic Reporter, Volume 2, Nu		lovember 1965
Issue Article Text	Issue ◆ (□) →	IT'S AN exciting issue if you can get excited over council documents.
Why may this text contain mistakes? Correct this text In and about this issue IT'S AN exciting issue if you can get excited over council documents. We're running the complete text of the <b>Declaration</b> on the Relation of the Church to <b>Non-Christian Religions,</b> much of the <b>Declaration</b> on Education and great swatches of thMDecree on die Pastoral Duties of Bishops. You don't have to be a bishop to read the last one or a	t German s said the iscovered rch is al- -a notion, not com- ful about urch. He	<ul> <li>We're running the complete text of the Declaration on the Relation of the Church to Non-Christian Religions, much of the Declaration on Education and great swatches of the Decree on the Pastoral Duties of Bishops. You don't have to be a bishop to read the last one or a non-Christian to read the first one, but you have to be literate to read the middle one. Joke. Joking aside, there's power in all that prose.</li> <li>ON PAGE 3 we announce some news of our own - not very happy news. But, though we're losing a good man, we're getting another.</li> <li>RABBI ARTHUR HERTZBERG (page 8) uses some of his own experiences as an American to show how the Americam experience of pluralism has affected attitudes toward religious co-existence. John Leo attacks the draft-card law with his left hand, then swings with his right against what he considers pacifist distortion of the current Vietnam dialogue. On the review page Michele Murray says James Baldwin is losing his touch, and Father Robert Francoeur says the latest book on evolution isn't late enough.</li> </ul>
non-Christian to read the first one, but you have to be literate to read the middle one. Joke Joking aside, there's power in all that prose ON PAGE 3 we announce some news of our own - not very	at a new nd reform ked Luth- b heed the	THE MOST interesting piece on the People page (2) is about nobody in particular. Contributors to Repartee (4) are exercised about the plight of as- sistants, the St Louis Little Council, new and old ideas about sex, the stance of the Catholic Traditionalist movement and other matters. All this is easy. But don't miss those documents. Next week we'll tell you what to think about them

### "Civil rights"

No search filters set		"civil rights"	(Search) (Clear search)	Help   Search history 🕀
		Search within: Full text Search summ	naries: Text 😫 Results per page:	20 🛟
		From: Day 🗘 Month 🛟 Year 🗘 To:	Day 🗘 Month 🛟 Year 🛟	
		In: All publications Clarion Herald National Catholic Reporter The Catholic Standard and Times The Monitor		
Refine search		Search results		
Publication		Your search for "civil rights" found 98 results. Show	ing results 1 to 20.	Sort by: best match first
The Catholic Standard and Times (55)				Results 21 - 40 >
The Monitor (16)		R Increase in Ortholic Civil Rights Organize (ADTIO		
Clarion Herald (14)		Increase in Catholic Civil Rights Groups [ARTIC The Monitor 11 February 1965		
National Catholic Reporter (13)		Increase in Catholic Civil Rights Groups		
Category		College Honors [ARTICLE+ILLUSTRATION]		
PAGE (55)		The Monitor 28 January 1965		
ARTICLE (43)		vote registration drive and their growing recognition	on of the <mark>civil rights</mark> struggle as a moral issue.	
ILLUSTRATION (19)				
Author		CYO Convention Hits FSM Tactics [ARTICLE+II The Monitor 14 January 1965	_LUSTRATION]	
Bill Kennedy Albany Times Union Staff Writer	(3)	Christopher's high school rapped the civil disobec	lience of the <mark>civil rights</mark> and free speech move	eV ' j , "We
Dan Datringa (0)				

# Article in Catholic Standard and Times (Philadelphia)



### Browse and download issues

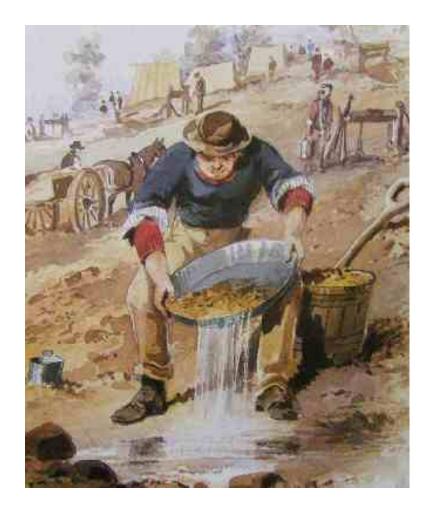


### Search for "Mooring"

nenne search	3	edicit results	
Publication		our search for "william h. mooring" found 24 results. Showing results 1 to 20.	Sort by:
The Catholic Standard and Times (24)			
Category		Page 19 [PAGE]	
PAGE (24)		The Catholic Standard and Times 8 November 1963 'Why Are They Better?' But 'Are They?' ' By <b>WILLIAM H. MOORING</b>	
Decade	⊒  -		
1960-1969 <b>(24)</b>		Page 15 [PAGE] The Catholic Standard and Times 31 January 1964	
Nord count	⊒∥	Whittling in Store for the Movie Code? • By WILLIAM H. MOORING	
>= 1001 (24)		<ul> <li>Page 19 [PAGE] The Catholic Standard and Times 4 October 1963  IN FOCUS * 'The Cardinal' – Controversial, Significant By WILLIAM H. MOORING</li> <li>Page 19 [PAGE] The Catholic Standard and Times 11 October 1963 HOLLYWOOD IN FOCUS John Sturges Views Film Art' By WILLIAM H. MOORING</li> <li>Page 19 [PAGE] The Catholic Standard and Times 25 October 1963 HOLLYWOOD IN FOCUS 'Tom Jones' Called Raw, Coarse, Indecent By WILLIAM H. MOORING</li> </ul>	

### Success stories

- Historical research -'I'm a PhD student researching the passengers who travelled on the SS Great Britain in response to news of the Gold rush in Victoria.
- BC readership spiked!
- LC's American Memory – K-12 loved it!



### Best practices get better results

- More readers
- A better user experience (more functionality)
- Shared costs, lower costs
- More revenue
- Digital archiving
- Community stewardship

### More readers

- Students love to click to their sources Paula Kane, Marous Chair of Catholic Studies, University of Pittsburgh
- Global visibility
- Your websites, library & archive websites, and over 1000 Catholic school websites
- Catholic News Archive site
- Directories with author, title, and links to the source content <u>https://www.elephind.com</u>

Global search of historic newspapers

### https://www.elephind.com/

#### About Elephind.com

The goal of Elephind.com is to make it possible to search all the world's online historic newspapers from one place. We aren't there yet, but we are adding more newspapers every day.

With Elephind.com it is now possible for family historians, genealogists, and researchers to search historic digitized newspaper archives from around the globe. Elephind.com is much like Google, Bing, or other search engines but is focused on only historical, digitized newspapers. It enables you to search, for free, across many newspaper sites simultaneously, rather than having to visit each site separately. By clicking on the Elephind.com search result that interests you **you'll go directly to the newspaper site which hosts that story**.

Many of the smaller newspaper sites are not well known and may be difficult to find with the usual search engines but are searchable from Elephind.com.

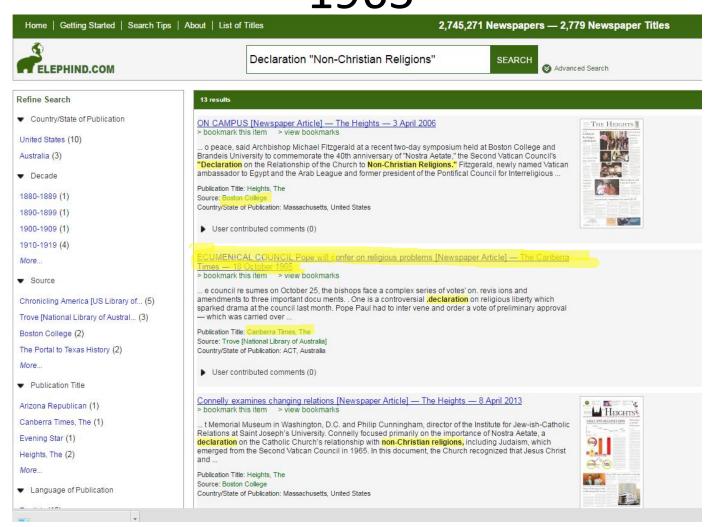
We're continuing to add more newspapers to Elephind.com, so if at first you can't find what you're looking for, please check back later. Or you can add your name to our mailing list, and we'll email you when a new collection is added.

Here at Veridian we've been involved with lots of newspaper digitization projects for customers like Cornell, Princeton, the National Libraries of New Zealand and Singapore, and many others. If you have any comments or suggestions about this site, or if you know of other free online newspaper collections which you'd like to see added to Elephind.com, please contact us.

#### **Elephind.com Statistics**

Sources	Titles	Newspapers	Items	Earliest	Latest
Trove [National Library of Australia]	681	1,303,275	117,749,878	5 March 1803	1 November 2007
Chronicling America [US Library of	1,060	908,612	6,846,382	5 January 1836	31 December 1922

### Declaration "Non-Christian Religions" BC paper 2006 & Canberra Times 1965



### A better user experience

- High quality meta-tagging
- Gold standard platform
- Save reader's time
- Find it, blog or tweet it
- Digital humanities
- "A <u>digital newspaper archive</u> will make it possible to understand, on a very wide scale, Catholicism as practiced by ordinary people." Michael Skaggs, Doctoral Candidate and Media Historian, University of Notre Dame

### More revenue

- Increased traffic to newspaper websites means advertisers get bigger audiences
- Anthologies, memorial publications for promotions or sale
- Potential sales of high resolution photographs
- Cost savings
- Support from others motivated to support access and archiving for the benefit of their constituencies and/or the benefit of society

# **Digital archiving**

- Archives hold print and film newspapers
- Extent of digital archiving presumed minimal
- The <u>Catholic Newspapers Program</u> allows us to make the leap to full digital preservation...[and] will ensure continuing availability and open the door to comparative research and writing that was nearly impossible before." --Kathleen Dodds, Director of Special Collections, Walsh Library, Seton Hall University

### Shared costs, lower costs

- Lower unit costs for conversion
- Hosting costs go down with aggregation
- Simpler workflows staff have less work to do in developing, maintaining own platform, etc.
- Dark archiving is cheap, curating data over time is expensive
- Sharing costs lowers costs for all participants

### One-time digitizing costs

- Years 1 5
- 1.7M pages
- Scanning, meta-tagging at page level, acceptance testing, content loading to platform
- \$698,276 total (about 64% of total)
- \$.41 / page

### Ongoing archive costs

- Years 1 -5
- 1.7M pages
- Platform, access, digital archiving = \$188,500
- Management = \$224,259
- \$392,750 (36% of total)
- \$.23 / page
- Total costs \$.64 / page \$1,091,000

### Community stewardship

- A Catholic News Community of newspapers, readers, libraries, archives, sponsors
- "A Cautionary Tale"
- Better give permission to produce a digital archive, allow content to be scanned, retain all original material AND copyright ownership rights
- Build a freely-available (to end users) archive discoverable from many sites
- A collaboratively supported and governed resource

### Where the money comes from

- Grants, sponsorships, gifts
- Libraries and archives
- Online crowdfunding
- Newspapers
- Arkansas Catholic Guardian Angels Campaign
- Hundreds of Guardian Angels have supported scanning years of archives into a digital format that will never fade, crumble or be lost to fire.

### Successful models

- arXiv
- CLOCKSS
- Founders of the Catholic News Archive
- Why do these models work?
- People value the end result

### Preserving our Catholic heritage

- This digitizing effort will make available at the click of a button nearly 175 years of local Catholic history.
- The Catholic Church needs to have its history easily accessible to researchers and interested readers, Catholic and non-Catholic alike.
- We can tell our story directly and effectively.
- Most Reverend Gregory M. Aymond, Archbishop, New Orleans

### Many partners leads to success

- Newspapers have content & readers
- Libraries & archives have readers and a mission to keep the content accessible forever
- 80% of responding newspapers, libraries & archives expressed interest in collaboratively implementing a searchable archive (March 2015)
- We can do more together than we can alone

# Thank you

- <u>http://demos.veridiansoftware.com/crra/cgi-bin/crra</u>
- Pat Lawton at <a href="mailto:plawton@nd.edu">plawton@nd.edu</a>
- Jennifer Younger at jyounger@nd.edu
- <u>www.catholicresearch.net</u>