Adapting Koha for use as a Local Authors Catalog

The Problem. MedStar Washington Hospital Center is a teaching hospital with 1,362 medical staff, 1,719 nurses, and 30 residency and fellowship programs with 342 residents and fellows. (FY 2013 data.) They contribute a significant number of articles, posters, and conference presentations to the body of medical literature. How can we keep track of them all?

Old system. Librarians developed a weekly auto alert that scanned Medline for potential articles from local authors. They then culled the list for matches and converted brief Medline citations to HTML. Problems: citations didn't have departments, no name authority control, no mesh terms, not easily searched. When the library staff wanted to compile the list into an annual bibliography, the list was not much help.

Introducing a Citation Manager. In 2012, the library started using Reference Manager to track citations. Now librarians could upload entire Medline records, including abstracts, as well as other scholarly activities such as poster presentations. They also standardized authors' names and added department affiliations. Producing the annual bibliography got much easier to produce.

But: The list still isn't readily accessible. What to do?

Koha to the Rescue. In 2013, the library replaced its ILS with Koha. Since Koha is open source software and designed to be infinitely configurable, it was relatively easy to modify its templates to different bibliographic formats. Now the Local Authors Catalog can be searched from anywhere in the hospital, and can be searched by author, journal, article title, department, and many other fields.

From an Ovid Medline Record...

1. 🗖		Abstract Reference
Unique Identifier	23182524	
Record Owner	From MEDLINE, a database of the U.S. National Library of Medicine.	Find Similar
Status	MEDLINE	Find Citing Articles
Authors	Zilberberg MD. Shorr AF.	• Full Taxt
Authors Full Name	Zilberberg, Marya D. Shorr, Andrew F.	• Full Text
Institution	EviMed Research Group, LLC, Goshen, MA 01032, USA. evimedgroup@gmail.com	
Title	Preventing clostridium difficile infection in the intensive care unit. [Review]	
Source	Critical Care Clinics. 29(1):11-8, 2013 Jan.	
Abbreviated Source	Crit Care Clin. 29(1):11-8, 2013 Jan.	
NLM Journal Name	Critical care clinics	
Publishing Model	Journal available in: Print Citation processed from: Internet	
NLM Journal Code	ссс, 8507720	
Journal Subset	IM	
Local Messages	Available online from MWHC library: 1996 - present	
Country of Publication	United States	
MeSH Subject Headings	*Anti-Bacterial Agents / ae [Adverse Effects] Anti-Bacterial Agents / st [Standards] Anti-Bacterial Agents / tu [Therapeutic Use] Clostridium Infections / dt [Drug Therapy] Clostridium Infections / ep [Epidemiology] Risk Factors Virulence / de [Drug Effects] Virulence / ge [Genetics]	
Abstract	Clostridium difficile is a formidable problem in the twenty-first century. Because of injudicious use of antibiotics, the emergence of the hypervirulent epidemic strain of this organism has been difficult	

Conferences, Posters, and Books, Oh My! Information on presentations and other scholarly activities is entered directly into Reference Manager. It can be exported and converted to modified MARC format the same way the Medline citations are processed. The challenge of modifying standard MARC records for books or book chapters written or edited by local authors has yet to be resolved.

Problems and Other Considerations

How to keep the list of names to search up to date? People come and go; it's easy to remove their names when their articles no longer show a MedStar affiliation, but finding new names is more difficult if the Medline citation doesn't show all the authors' institutions.

The process is time-consuming. Some steps can probably be streamlined, but checking authors' names and affiliations in journal articles takes time. Standardizing names and adding departments is another bottleneck.

The catalog is only available within the hospital's network. For security reasons, the Koha server is behind the hospital's firewall. The library is exploring options to make it more widely available.

Why Koha? Koha is free to download and install, and the library was using it anyway. Modifying an existing system was more time- and cost-efficient than acquiring a new system that library users and the library sysadmin would have to learn.

How is it Used? The MedStar Foundation has shown potential donors what research is being done at the hospital. Residents have looked up what their attending physicians have written. Medical students can see which departments and physicians they would like to work with. Public Relations, the Center for Excellence in Nursing, and individual departments all use the catalog to demonstrate the quantity and variety of MedStar's contribution to the field of medicine.

Author Catalog: Search Results

dit view History Bookmarks I	pols Help			
William B. Glew, MD, Healt 🗙	😥 Local Authors catalog > Res 🗙 🕂			
172.25.127.24:81/cgi-bin/kol	ia/opac-search.pl?idx=kw&q=chest&sort_by=author_az&expand=su-to#su-to_i	d 🔻 🥙 🖌 Google	▶ ☆ 自	+ 🏦
🛛 Cart 🔛 Lists				
IStar Washington chest		Library catalog 🛛 🔽	Q	
Advance	a search > rag cloud			
nome > search > tour search i	eturned a results.			
Refine your search	Select all Clear all & Unhighlight Add to: - Save	Author (A-Z)		•
A 11 1 11:				
Availability	1. An unusual case of unrelenting chest pain & fever: cardia by Choi Andrew D	ac MR in adult onset Still's Disease		
items.	Denartment/s): MedStar Heart Institute			
Authors	Publication Type: Poster			
Bernardo, Nelson L	Full author list: Choi, AD			
Goyal, Munish	UVPMID: 2013_247.			
Maluenda Gabriel				

Registry Number/Name

f Substance	0 (Anti-Bacterial Agents).
SN Electronic	1557-8232
SN Linking	0749-0704
ublisher Item lentifier	50749-0704(12)00083-8
igital Object lentifier	http://dx.doi.org/10.1016/j.ccc
ublication Type	Journal Article. Research Support, Non-U.S. Gov't. Review.
anguage	English
ate of Publication	2013 Jan
ate Created	20121127
ear of Publication	2013
ntry Date	20130509
pdate Date	20131217

...to a modified Koha MARC record.

=LDR 03479nam a22007097a 4500 None =008 130807s20132013\\\\xxu||||\\|||\00|\0\eng\d =022 \\\$a0749-0704 (Linking ISSN) =040 \\\$aOvid MEDLINE(R) (Database) DB =099 \\\$a23182524 (PMID. Also goes in call number field 952p) =100 \\\$aShorr, Andrew F (Author's full name. Only local authors go in this field.) FA =245 \\\$aPreventing clostridium difficile infection in the intensive care unit. [Review] (Article title) TI =246 \\\$aShorr AF (Author's name. All authors go in this field.) AU =246 \\\$aZilberberg MD =250 \\\$aCritical Care Clinics. 29(1):11-8, 2013 Jan. (Source) SO =260 \\\$bCritical care clinics (NLM standard journal name) NJ =260 \\\$c2013 =501 \\\$aAvailable online from MWHC library: 1996 - present (Local holdings)

Dates and scope are limited. Journal citations currently go back to 2012; other activities are cataloged starting in 2013. The collection is limited to authors at MedStar Washington Hospital Center, MedStar National Rehabilitation Network, MedStar Institute for Innovation, and MedStar Health Research Institute. Adding previous years' publications and expanding the catalog to include authors from other MedStar institutions will take time.

Library Catalog: Search Results

<u>E</u> dit <u>V</u> iew Hi <u>s</u> tory <u>B</u> ookmarks	s Iools Help
William B. Glew, MD, Healt 🛪	Local Authors catalog > Res × +
3 172.25.127.24:8001/cgi-bin/kol	oha/opac-search.pl?idx=kw&q=chest surgery&sort_by=pubdate_dsc&expand=su-to#si 🛡 C 🔀 🕶 Google 🖉 🏠 🖨 🐥 🏫
Mar Court Pilling	
🚆 Cart 🔛 Lists	Log in to your account Search history
MedStar Washington chest	t surgery Library catalog 🔽 📿
ospital Center	
> Advar	inced search > Tag cloud
Home > Search > Your search	rch returned 9 results. 🛐
Refine your search	Select all Clear all 🏑 Unhighlight Add to: 🗸 Save 🖉 Place hold Publication/Copyright date: Newest to oldest 🗸
Availability	1. Sabiston & Spencer surgery of the chest SURGERY
Limit to currently available items	by Sabiston, David C; Sellke, Frank W; Del Nido, Pedro J; Swanson, Scott J.
Authors	Edition: 8th ed. / [edited by] Frank W. Sellke, Pedro J. del Nido, Scott J. Swanson.
Del Nido, Pedro I	Type: 🔲 Book; Format: print bibliography 😑 ; Literary form: not fiction
Fiebach, Nicholas H	Publisher: Philadelphia : Saunders/Elsevier, c2010
Sabiston, David C.,	Availability: Copies available for reference: William B. Glew, MD, Health Sciences Library [WF 980 S116 2010 v. 1] (2).
Sellke, Frank W.	Actions: 🖉 Place hold 👳 Add to cart
Swanson, Scott J.	
Show more	2. Practical handbook of thoracic anesthesia
Item types	by Hartigan, Philip M; Mentzer, Steven J.
Circulating book	Tara Tara Santa
Journal	Bublicher New York, Format: print biolography «— ; Literary form: not riction
REF	Publisher: New York : Springer, c2012
RES	Availability: Copies available for reference: william b. Glew, MD, Health Sciences Library [WF 980 P895 2012] (1).
Locations	Actions: A Place hold e Add to cart
General Stacks	
Journals	3. Adult chest surgery
Reference	by Sugarbaker, David J.
Reserve	Type: 🔟 Book; Format: print bibliography 🗮 ; Literary form: not fiction
Series	Publisher: New York : McGraw Hill Medical, c2009
Vademecum	Online Access: Click here to access content.
Topics	Availability: No copies available
Ambulatory Care	Actions: He Add to cart
Ambulatory medical c	
Anesthesia.	A Principles of ambulatory medicine
Cardiac Surgical Pro	by Fiebach, Nicholas H; Barker, L. Randol (Lee Randol); Burton, John R. (John Russell); Zieve, Philip D.
Chest	Edition: 7th ed
Family medicine.	
Gastroenterology	Type: Dook; Format: print bibliography = ; Literary form: not fiction
Gastrointestinal Dis	Publisher: Philadelphia : Lippincott Williams & Wilkins, c2007
Gastrointestinal sys	Other title: Barker, Burton and Zieve's; Ambulatory medicine.
Heart Discourse	Online Access: Table of contents
Médecine familiale	Availability: Copies available for reference: William B. Glew, MD, Health Sciences Library [WX 205 B255 2007] (1).
Thoracic Surgery	Actions: A Place hold 👳 Add to cart
Thoragio Surgen	

Shorr, Andrew F	
Taylor, Allen J	CDD and exchanged even two devenestation and detabases (Device).
Show more	2. <u>CPR and postarrest care: overview, documentation, and databases. [Review]</u> by Goval Munich
tem types	by Goyar, Midnish.
art	Citation: Chest. 141(4):1082-9, 2012 Apr.
Journal Article	Department(s): Emergency Medicine.
poster	Publication Type: Journal Article
opics	Article type(s): Journal Article; Review.
*Acidosis, Lactic/di	Journal: Chest
*Acute Kidney Injury	Full author list: Gaieski DF; Abella BS; Goyal M.
*Angioplasty, Balloo	UVPMID: 22474150.
*Anti-Bacterial Agen	Online Access: <u>Click here to access online</u>
*Anti-Bacterial Agen	Actions: We Add to cart
*Aortic Valve Stenos	
*Balloon Valvuloplas	Clinical applications of targeted temperature management. [Deview].
*beta-Lactams/bl [Bl	by Goval Munish
*beta-Lactams/pk [Ph	
*Cardiac Catheteriza	Citation: Crest. 145(2):366-93, 2014 Feb.
*Cardiopulmonary Res	Department(s): Emergency Medicine.
*Cardiopulmonary Res	Publication Type: Journal Article
*Chest Pain/di [Diag	Article type(s): Historical Article; Journal Article; Review.
*Chest Pain/mo [Mort	Journal: Chest
*Coma/di [Diagnosis]	Full author list: Perman SM; Goyal M; Neumar RW; Topjian AA; Gaieski DF.
*Coronary Angiograph	UVPMID: 24493510.
*Coronary Angiograph	Online Access: Click here to access online
*Coronary Artery Dis	Actions: Im Add to cart
*Coronary Artery Dis	
*Critical Illness/th	A Accepted TCT shallow increase former former former for the state of
*Emergency Service,	4. Accepted TOT chanenging case: common remoral aftery perforation after primary percutaneous coronary intervention successfully treated with a nevel transcatheter "thrombin blood patch" injection technique.
*Femoral Artery/in [hy Maluenda, Gabriel: Waksman, Ron: Bernardo, Nelson I
*Hoart Arreat#h ITh	by material, output, Waterian, ten, Demardo, Helder E.

Author Catalog: Single Record

Full author list: Shorr AF; Zilberberg MD.

villari b. Glew, Mi				STATU:					
) 172.25.127.24 :81/	cgi-bin/koha/opac-	detail.pl?biblionumber=365&query_desc=kw%2Cwrd	1%3A shorr 🛛 🔍	C 🕑 🔀 🕶 Google	٩	☆自	÷	⋒	≡
🛡 Cart 🗎 L	ists								
IStar Washington pital Center					Q				
) Advanced s	earch)Tag cloud							
Home									
		■ ISBD view							
Normal view	MARC view								
Normal view Preventing		difficile infection in the intensive	care unit IReview	M					

- =505 \\\$aCrit Care Clin. 29(1):11-8, 2013 Jan. (Abbreviated Contents Note)
- =520 \\\$aClostridium difficile is a formidable problem in the twenty-first century. Because of AB injudicious use of antibiotics, the emergence of the hypervirulent epidemic strain of this organism has been difficult to contain.... (Abstract)
- =546 \\\$aEnglish (Language) LG
- =650 \\\$a*Anti-Bacterial Agents/ae [Adverse Effects] (MeSH terms) MH
 - =650 \\\$a*Clostridium Infections/pc [Prevention & Control]
 - =650 \\\$a*Cross Infection/pc [Prevention & Control]
 - =650 \\\$a*Intensive Care Units/st [Standards] (etc.)
- =656 \\\$aMedicine/Pulmonary-Critical Care (Department) None
- =657 \\\$aJournal Article (Publication type) PT
 - =657 \\\$aResearch Support, Non-U.S. Gov't
 - =657 \\\$aReview
- =856 \\\$uhttps://www.clinicalkey.com/#!/content/journal/1-s2.0-S0749070412000838 (Link to None online article. Not always the same as the DOI, as the library gets articles from many sources.)
- =899 \\\$ghttp://dx.doi.org/10.1016/j.ccc.2012.10.006 (DOI) DO
- =942 \\\$cart (Koha item type) None
- =952 \\\$w2013-09-17\$8Article\$p23182524\$70\$r2013-09-17\$40\$9370
- \$yart\$10\$d2013-09-17\$00 (Koha item information)
- None =999 \\\$c365\$d365 (Koha control numbers)

How to Do It

1. Run a weekly Medline autoalert. Export the list as a text file with enough information to match possible authors.

2. Go through the list looking for possible local author matches. In 2014, Medline began including the institutional affiliation of all the authors, which makes looking for MedStar authors much easier. Copy the PMIDs into a separate file.

3. Search the possibly-match PMIDs in Medline. Export to a file that includes all fields needed in both Reference Manager and Koha.

Library Catalog: Single Record

	315						Log in to you	r account Sea	arch bie
							Log in to you		
edStar Washington						Library catalo	g 💟	0	
spital Center									
	Advanced search	> Tag cloud							
Home									
E N	Normal view 🗉 MARC	view 🖹 ISBD view							
Particul Randbook of Technik Annothera							≡ Browse	e results	
Pra	actical handboo	k of thoracic	anesthesia /				« Previous	Back to results	Next
by	<u>Hartigan, Philip M</u> Q	; Mentzer, Steve	en JQ.				/ Pri	nt	
Preview Torrest	(m)								
iype	e: 📕 Book						💓 Ad	d to your cart	
Publi	e: 📕 Book lisher: New York : <u>Springer,</u> c	c2012					`⊯ Ado Unl	d to your cart highlight	
Publi Publi Description: xviii, 536 ISBN: 978038788492	e: III Book Iisher: New York : <u>Springer,</u> (5 p. : ill. (some col.) ; 21 cm. ?9 (pbk. : alk. paper); 038788	c2012 34920 (pbk. : alk. paper)	; 9780387884936 (e-ISB)	I); 0387884939 (e-IS	SBN).		`⊯ Ado Uni More s	d to your cart highlight searches 🔻	
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesther</u>	e: Book lisher: New York : <u>Springer,</u> (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u>	c2012 34920 (pbk. : alk. paper) edures 🔍 <u>Anesthesia</u>	; 9780387884936 (e-ISB) <mark>a <u>Chest Surgery</u></mark>	i); 0387884939 (e-IS	SBN).		`₩ Ado Uni More s	d to your cart highlight searches + Save record:	
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesther</u> Tags from this library No tags from this library	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> /: 'ary for this title.	c2012 34920 (pbk. : alk. paper) :dures 🔍 <u>Anesthesi</u> i	; 9780387884936 (e-ISB) <mark>a <u>Chest Surgery</u></mark>	i); 0387884939 (e-IS	SBN).		کی ک	d to your cart highlight searches + Save record:	
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesther</u> Tags from this library No tags from this libr No tags from this libr	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> /: 'ary for this title. gs.	c2012 34920 (pbk. : alk. paper) :dures 🔍 <u>Anesthesi</u> a	; 9780387884936 (e-ISB) <mark>a <u>Chest Surgery</u></mark>	l); 0387884939 (e-IS	SBN).		₩ Ado Uni More s	d to your cart highlight searches + Save record:	▼ Gr
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesthes</u> Tags from this library No tags from this libr & Log in to add tag Holdings (1)	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> /: 'ary for this title. gs.) Title notes	c2012 34920 (pbk. : alk. paper) edures 🔍 <u>Anesthesia</u> Comments (0)	; 9780387884936 (e-ISB) <mark>a <u>Chest Surgery</u></mark>	i); 0387884939 (e-IS	SBN).		₩ Add Uni More s	d to your cart highlight searches + Save record:	▼ Gi
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesthes</u> Tags from this library No tags from this libr Subject (s): <u>Anesthes</u> Tags from this library No tags from this libr Holdings (1)	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> /: 'ary for this title. gs.) Title notes	c2012 34920 (pbk. : alk. paper) edures 🔍 <u>Anesthesia</u> Comments (0)	; 9780387884936 (e-ISB) a <u>Chest Surgery</u>	I); 0387884939 (e-IS	SBN).		کی ک	d to your cart highlight searches + Save record:	▼ G
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesther</u> Tags from this library No tags from this libr No tags from this libr	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> /: rary for this title. gs.) Title notes Location \$	c2012 34920 (pbk. : alk. paper) edures (1 <u>Anesthesia</u> Comments (0)	; 9780387884936 (e-ISB) a <u>Chest Surgery</u> Call number ≑	I); 0387884939 (e-IS Status \$	SBN). Date due ≑	Barcode 🗢	₩ Add Uni More s	d to your cart highlight searches + Save record:	▼ G
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesthey</u> Tags from this library No tags from this libr No tags from this libr	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> y: rary for this title. Igs.) Title notes William B. Glew, MD, Health Sciences Library Reference	c2012 34920 (pbk. : alk. paper) edures (1 Anesthesia Comments (0) Collection \$ Reference	; 9780387884936 (e-ISB) a <u>Chest Surgery</u> Call number ≑ WF 980 P895 2012 (<u>Browse</u> shelf)	I); 0387884939 (e-IS Status \$ Not for Ioan	SBN). Date due	Barcode ⇒ 32975000145446	₩ Add Uni More s	d to your cart highlight searches + Save record:	Ţ Gi
Publi Description: xviii, 536 ISBN: 978038788492 Subject(s): <u>Anesther</u> Tags from this library No tags from this library	e: Book lisher: New York : <u>Springer</u> , (6 p. : ill. (some col.) ; 21 cm. 29 (pbk. : alk. paper); 038788 <u>sia Thoracic Surgical Proce</u> y: ary for this title. .gs.) Title notes William B. Glew, MD, Health Sciences Library <i>Reference</i>	c2012 34920 (pbk. : alk. paper) edures () Anesthesia Comments () Collection \$; 9780387884936 (e-ISB) a <u>Chest Surgery</u> Call number \$ WF 980 P895 2012 (<u>Browse</u> shelf)	I); 0387884939 (e-IS Status \$ Not for Ioan	SBN).	Barcode ⇒ 32975000145446	₩ Add Uni More s	d to your cart highlight searches + Save record:	▼ Gr

REE LIBRARY SYSTEM

UVPMID: 23182524. Subject(s): *Anti-Bacterial Agents/ae [Adverse Effects] | *Clostridium Infections/pc [Prevention & Control] | *Cross Infection/pc [Prevention & Control] Intensive Care Units/st [Standards] | Anti-Bacterial Agents/st [Standards] | Anti-Bacterial Agents/tu [Therapeutic Use] | Clostridium difficile/cl [Cla Clostridium difficile/de [Drug Effects] | Clostridium difficile/ge [Genetics] | Clostridium difficile/py [Pathogenicity] | Clostridium Infections/dt [Drug Therap ridium Infections/ep [Epidemiology] | Costs and Cost Analysis | Critical Illness | Cross Infection/mi [Microbiology] | Diarrhea/ci [Chemically Induce iarrhea/mi [Microbiology] | Disease Outbreaks | Disinfection/mt [Methods] | Disinfection/st [Standards] | Drug Resistance, Multiple, Bacterial/de [Drug Eff Hand Hygiene/mt [Methods] | Hand Hygiene/st [Standards] | Humans | Infection Control/mt [Methods] | Infection Control/st [Standards] | Intensive Car /irulence/ge [Genetics Department(s): Medicine/Pulmonary-Critical Care Publication Type: Journal Article Article type(s): Journal Article | Research Support, Non-U.S. Gov't | Review Online resources: Click here to access online Abbreviated citation Crit Care Clin. 29(1):11-8, 2013 Jan. Local Holdings: Available online from MWHC library: 1996 - present. Abstract: Clostridium difficile is a formidable problem in the twenty-first century. Because of injudicious use of antibiotics, the emergence of the rypervirulent epidemic strain of this organism has been difficult to contain. The NAP1/BV027 strain causes more-severe disease than other widely prevalent strains and affects patients who were not traditionally thought to be at risk for Clostridium difficile infection. Critically ill patients remain at high risk for this pathogen, and preventive measures, such as meticulous contact precautions, hand hygiene, environmental disinfection, and, most importantly, antibiotic stewardship, are the cornerstones of mitigation in the intensive care unit. Copyright 2013 Elsevier Inc. All rights reserved. Tags from this library No tags from this library for this title Browse results « Previous Back to results Next » A Print mail Add to your cart Unhighligh Highlight

Fred King, Medical Librarian, MedStar Washington Hospital Center Fred.King@medstar.net

With profuse thanks to my fellow MWHC librarians Jory Barone and Layla Heimlich

4. Verify that the articles are written by local authors. Most journals will let you look at the authors' affiliations even if access to the article is blocked. If the article isn't by a local author, delete the citation. If the article is by a local author and it's available online, add a link to the article. Delete the non-local authors from the Full Author Name field.

5. Add name authority control and department affiliations. The text replacement program looks for variations of the authors name, converts it to a standard form, and adds the department. Names that aren't in the replacement table are tagged as NOT FOUND and are added to the replacement table.

6. Import the citations into Reference Manager

7. Convert Reference Manager tags to MARC tags.

8. Remove duplicate department tags, add other data to MARC record.

9. Compile the citations into an upload file with MarcEdit.

10. Upload to Koha.

For More Information **About Koha:**

http://www.koha-community.org

About this project:

http://www.philobiblios.net/koha



MedStar Washington Hospital Center