

# The Carolina Digital Repository During COVID-19: Responding to a Pandemic

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Open Repositories, 8 June 2021

# The Carolina Digital Repository (CDR)

Institutional Repository

Built on Samvera Hyrax

Launched June 2019

Student work to  
faculty scholarship

<https://cdr.lib.unc.edu>

<https://github.com/UNC-Libraries/hy-c>



# CDR and COVID

Why more projects?

- Increase ongoing access to scholarly content
- Demonstrate value of repositories

Three projects:

- Project 1: Mass upload of vendor-supplied content
- Project 2: CV review
- Project 3: Coronavirus research

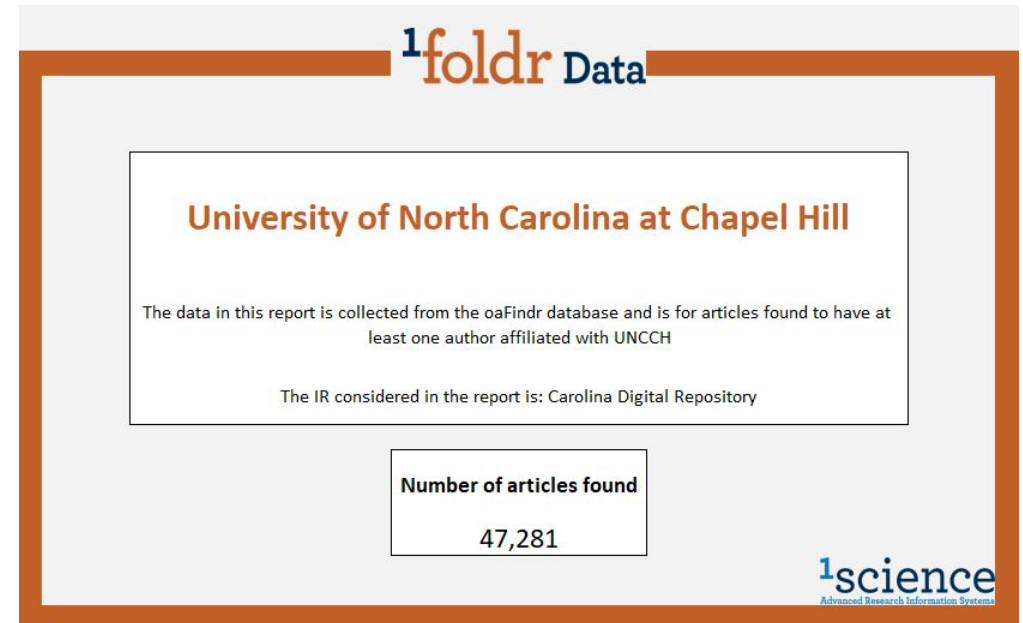
# **Project 1: Mass Upload of Vendor-Supplied Content**

# Background and Project Goals

Purchased report listing 47,000 open articles and metadata

Out of the box?

Goal: Quick way to change direction of CDR from student work to faculty scholarship



# Process

Batch content based on permissions

Investigated metadata

Download PDFs of articles

Merged data from spreadsheet and API

Test ingests and more test ingests

## Departments

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Studio Art	6,231
University of North Carolina at Chapel Hill	5,842
School of Information and Library Science	2,403
School of Medicine	1,848
Department of Epidemiology	1,657
Department of Environmental Sciences and Engineering	1,357
Public Health Leadership Program	1,313
Department of Medicine	973
Department of Microbiology and Immunology	945
Department of Chemistry	938
Department of Nutrition	903
Department of Biostatistics	895
Department of Psychology and Neuroscience	890
Department of City and Regional Planning	859
Department of Biology	771
Department of Political Science	623
Department of Health Policy and Management	589
Department of Maternal and Child Health	553
School of Education	553
Department of Exercise and Sport Science	544

# Results

## Batch 1: Open Access Policy articles

- April 2020
- 5,000 articles

## Batch 2: PubMed articles

- October 2020
- 22,000 articles

## Batch 3: Open License and publisher permitted articles

- In progress
- 5,000 articles

## Batch 4: Individual vetting

- In progress
- 13,000 articles

# Lessons Learned

“Out of the Box” = still needs work

Lots of test batches

Anticipate more time, especially with vacancies



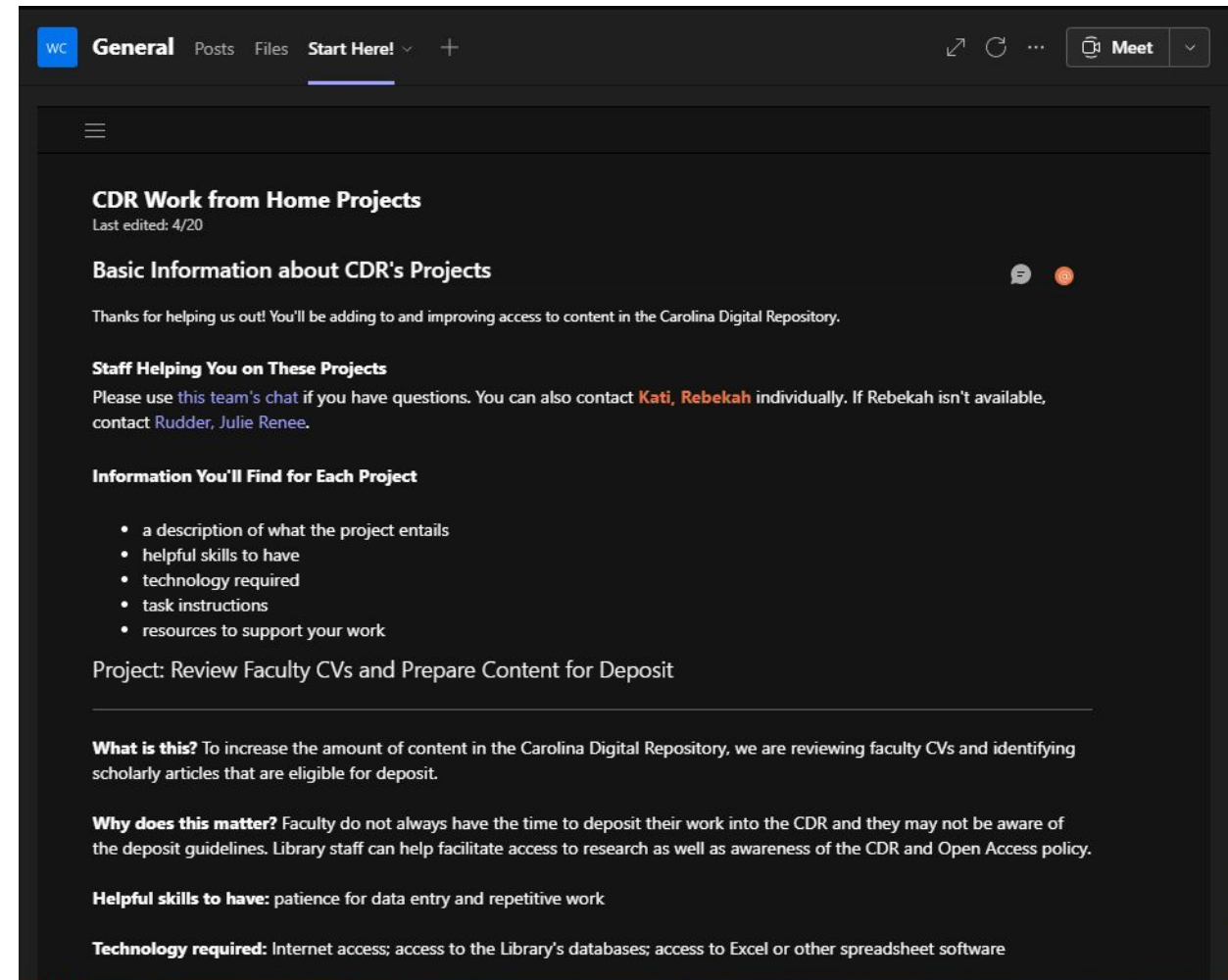
# Project 2: CV Review

# Background and Project Goals

1 of 6 projects created for remote library workers during COVID

Used Microsoft Teams

Goal: review faculty CVs to identify articles eligible for deposit



The screenshot shows a Microsoft Teams channel page for 'CDR Work from Home Projects'. The channel name is 'CDR Work from Home Projects' and it was last edited on 4/20. The page contains the following content:

- Basic Information about CDR's Projects**: Thanks for helping us out! You'll be adding to and improving access to content in the Carolina Digital Repository.
- Staff Helping You on These Projects**: Please use [this team's chat](#) if you have questions. You can also contact **Kati, Rebekah** individually. If Rebekah isn't available, contact [Rudder, Julie Renee](#).
- Information You'll Find for Each Project**:
  - a description of what the project entails
  - helpful skills to have
  - technology required
  - task instructions
  - resources to support your work
- Project: Review Faculty CVs and Prepare Content for Deposit**
- What is this?** To increase the amount of content in the Carolina Digital Repository, we are reviewing faculty CVs and identifying scholarly articles that are eligible for deposit.
- Why does this matter?** Faculty do not always have the time to deposit their work into the CDR and they may not be aware of the deposit guidelines. Library staff can help facilitate access to research as well as awareness of the CDR and Open Access policy.
- Helpful skills to have:** patience for data entry and repetitive work
- Technology required:** Internet access; access to the Library's databases; access to Excel or other spreadsheet software

# CV Review Process

1. Sign-up sheet
2. Google for faculty CVs
3. Enter scholarly article metadata into spreadsheet
4. Look up deposit policies via Sherpa/RoMeO
5. Download eligible articles
6. Upload full package to Teams

Training materials: Excel metadata template, written directions, video tutorial, sample file package

# Results

551 CVs reviewed

20,995 articles  
reviewed

7,404 articles eligible  
for deposit

24 workers

Humanities and social sciences content

Department, Center or School	Library Staff Member	Status	Notes
Center		Unassigned	
School of Medicine; Bowles Center for Alcohol Studies		Unassigned	
School of Medicine; Carolina Center for Genome Sciences		Unassigned	
School of Medicine; Carolina Vaccine Institute		Unassigned	
School of Medicine; Center for Aging and Health		Unassigned	
School of Medicine; Center for AIDS Research		Unassigned	
School of Medicine; Center for Environmental Medicine, Asthma and Lung Biology		Unassigned	
School of Medicine; Center for Heart and Vascular Care		Unassigned	
School of Medicine; Center for Maternal and Infant Health		Unassigned	
School of Medicine; Center for Women's Health Research		Unassigned	
School of Medicine; Curriculum in Bioinformatics and Computational Biology		Unassigned	
School of Medicine; Curriculum in Genetics and Molecular Biology		Unassigned	
School of Medicine; Curriculum in Toxicology		Unassigned	
School of Medicine; Cystic Fibrosis and Pulmonary Diseases Research and Treatment Center		Unassigned	

# Lessons Learned

Flexibility!

Target underserved areas

Plan for going forward

# Project 3: Coronavirus Research

# Background, Project Goals and Process

Increase amount of coronavirus-related research in CDR

UNC-CH ranked high for coronavirus research by Microsoft Academic

Same process as CV review project

Broad view of coronavirus research

<https://thewell.unc.edu/2020/04/06/carolina-ranks-highest-among-us-universities-in-coronavirus-research/>

# Results


85 CVs reviewed

10,825 articles reviewed

4,003 articles eligible for deposit

Science, medicine

UNC-CH Coronavirus Research Collection:  
<https://cdr.lib.unc.edu/collections/j3860c88t>








UNC-Chapel Hill Coronavirus Research User Collection Public

A collection of articles and student papers related to coronaviruses that have been authored by researchers at the University of North Carolina at Chapel Hill.

Search subcollections and works in this collection

Works (280)  
Sort by:  Results per page:

Title	Date Added	Visibility
 <b>UNC-Chapel Hill COVID-19 Research Output &amp; Collaboration Analysis: January 2020-April 2021</b> Is part of: UNC-Chapel Hill Coronavirus Research	2021-05-12	<span>Public</span>
 <b>W.H.O. Coronavirus Response Policy Analysis</b> Is part of: The Internationalist: Undergraduate Journal of Foreign Affairs, UNC-Chapel Hill Coronavirus Research	2021-05-06	<span>Public</span>
 <b>Community Ambassador Real Equality – Developing Spanish Bilingual, Bicultural COVID-19 Health Ambassadors in Rural Western North Carolina: A Case Study</b> Is part of: UNC-Chapel Hill Coronavirus Research	2021-04-21	<span>Public</span>
 <b>Housing Policy for Eviction Prevention During COVID-19</b> Is part of: UNC-Chapel Hill Coronavirus Research	2021-04-16	<span>Public</span>
 <b>Lane Reallocations During COVID: A Comparison of Interventions and Decision-Making Process</b> Is part of: UNC-Chapel Hill Coronavirus Research	2021-04-16	<span>Public</span>



# Lessons Learned

Faculty are happy for their research to be deposited

Importance of current events and marketing



The screenshot shows a news article on the 'THE WELL' website. The header is blue with the 'THE WELL' logo on the left and the University of North Carolina at Chapel Hill logo on the right. Below the header is a white navigation bar with links for HOME, NEWS, ADMINISTRATION, PRIORITIES, EMPLOYEE RESOURCES, CALENDARS, and SEARCH. The main content area is white and features the word 'RESEARCH' in all caps, followed by the title 'Spreading coronavirus research' in a large serif font. Below the title is a short paragraph: 'As the world's virologists race for answers to COVID-19, the Carolina Digital Repository makes the research of the University's top coronavirus experts openly accessible online.' At the bottom of the article is the author's name and date: 'Susan Hudson, The Well, Monday, April 13th, 2020'.

**THE WELL**

THE UNIVERSITY  
of NORTH CAROLINA  
at CHAPEL HILL

HOME NEWS ▾ ADMINISTRATION ▾ PRIORITIES ▾ EMPLOYEE RESOURCES ▾ CALENDARS ▾ SEARCH

RESEARCH

## Spreading coronavirus research

As the world's virologists race for answers to COVID-19, the Carolina Digital Repository makes the research of the University's top coronavirus experts openly accessible online.

Susan Hudson, The Well, Monday, April 13th, 2020

# Other Initiatives

# Google Scholar enhancements

Author order

Meta-tags

Remediation

```
<!-- Google Scholar metadata -->
<meta name="citation_title" content="Critical ace2 determinants of sars-cov-2 and group 2b coronavirus infection and replication" />
  <meta name="citation_author" content="Adams, L.E." />
  <meta name="citation_author" content="Dinnon III, K.H." />
  <meta name="citation_author" content="Hou, Y.J." />
  <meta name="citation_author" content="Sheahan, T.P." />
  <meta name="citation_author" content="Heise, M.T." />
  <meta name="citation_author" content="Baric, R.S." />
<meta name="citation_publication_date" content="2021" />
<meta name="citation_pdf_url" content="http://cdr.lib.unc.edu/downloads/xg94hz097" />
<meta name="citation_journal_title" content="mBio"/>
<meta name="citation_volume" content="12"/>
<meta name="citation_issue" content="2"/>
<meta name="citation_firstpage" content="1"/>
<meta name="citation_lastpage" content="9"/>
```

# Batch Upload with Bulkcrax

CSV and file import

Home / Dashboard / Importers

## Importers

[New](#)

Show  entries Search:

Name	Status	Last Run	Next Run	Entries Enqueued	Entries Processed	Entries Failed	Entries Deleted Upstream	Total Collection Entries	Total Work Entries				
<a href="#">COVID articles 02-01-2021</a>	Completed	Feb 01, 2021		0	14	0	0	0	14	<a href="#">Info</a>	<a href="#">Edit</a>	<a href="#">Delete</a>	
<a href="#">COVID articles 03-01-2021</a>	Pending	Mar 01, 2021		0	15	0	0	0	16	<a href="#">Info</a>	<a href="#">Edit</a>	<a href="#">Delete</a>	
<a href="#">COVID articles 04-05-2021</a>	Completed	Apr 05, 2021		0	6	0	0	0	6	<a href="#">Info</a>	<a href="#">Edit</a>	<a href="#">Delete</a>	

# Questions?

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