

NATIONAL SCIENCE FOUNDATION GRANT EHR-2000672

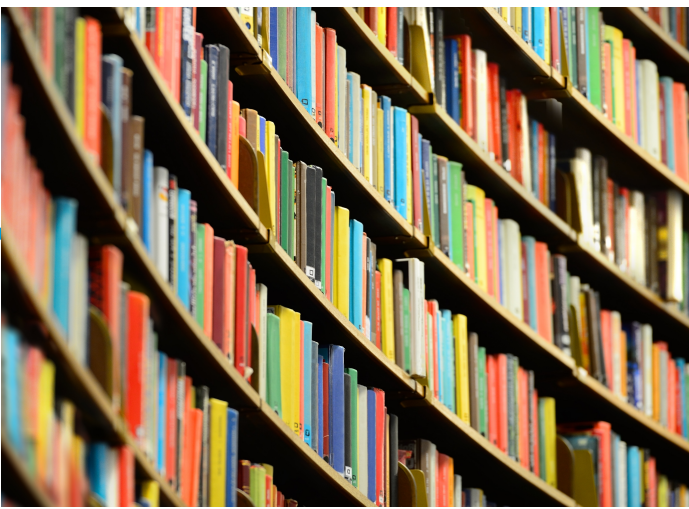


MetaReviewer: A Collaboration-Minded Platform for Evidence Syntheses

Systematic Review and Meta-Analysis SIG Seminar Series

Joshua R. Polanin, Principal Researcher | Megan Austin, Principal Researcher | Laura Michaelson, Senior Researcher | Sarah Peko-Spicer, Researcher | Ryan Williams, Principal Researcher

Visit MetaReviewer.org to keep up to date! | May 2023



Reviews require:

- Organizing
- Cataloging
- Extracting

...various pieces of information
from citations and studies



Reviewers turn to one of several
options, each with their own
pros and cons:

- Spreadsheets
- Database-specific software
- Meta-analytic software



Next generation needs to be:

- Built with the novice user or non-programmer in mind
- Collaborative and browser-based
- Equity-focused (i.e., free or inexpensive)

MR MetaReviewer



MR
MetaReviewer

Projects / 5E / All Studies

Studies + Create New Study

Show 50 entries Search:

Study ID	Short Citation	Eligibility Status	Coding Status	AQ Status	Final Inclusion Status	Coder 1	Coder 2	Reconciler	Flag for discussion	Last Date Updated	Remove from Study List
S10023		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	KC	DF	MR		8/7/22, 2:17 PM	
S10225		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	CA	MA	RRS		4/13/22, 10:50 PM	
S12382		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	MR	MA	RRS		3/3/22, 4:19 PM	
S10245		Not eligible for coding	Assigned and In Process	AQ sent	Not included in review	DF			Yes	6/9/22, 3:50 PM	
S10013		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	CA	DF	MR		3/30/22, 9:16 PM	
S10342		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	OO	MA	RRS		4/13/22, 10:50 PM	

Collaboration

Browser-based

Cloud storage

Novice user

Simple templates

Database with ease

Built for meta-analysts

Effect size
calculation inputs

Spreadsheet export

Inexpensive

Free to most

Documentation
available

Literature
Search &
Citation Manag.

Abstract & Full-
Text Screening

Codebook &
Database
Creation

Study & Effect
Size Extraction

Analysis &
Reporting

MetaReviewer Beta Launch Capabilities

Sign Up, Login, & Creating a Project

Sign up to access MetaReviewer

The screenshot shows the MetaReviewer website landing page. The browser address bar displays `https://www.metareviewer.org/` and the page URL is `metareviewer.org/landing/index.html`. The navigation bar includes the MetaReviewer logo (MR MetaReviewer), links for About, Contact, and FAQ, a Sign in button, and a Try MetaReviewer button. A red box highlights the Try MetaReviewer button, and a red arrow points from a text box to it. The text box contains the following information:

Please join us on Wednesday, September 7, 2022 from 2:30-3:30 p.m. ET for a webinar to demonstrate the beta version of MetaReviewer, a new, browser-based software for conducting evidence syntheses.

Title: [MetaReviewer: Demonstrating the beta version of a new, collaboration-minded, browser-based software for conducting evidence syntheses](#)

The main heading on the page is "Evidence Synthesis by Design".

Email from MetaReviewer with first time login credentials

Login to MetaReviewer

The screenshot shows the MetaReviewer website interface. At the top, the browser address bar displays 'https://www.metareviewer.org/'. The website header includes the 'MR MetaReviewer' logo, navigation links for 'About', 'Contact', and 'FAQ', a 'Sign in' button (highlighted with a red box), and a 'Try MetaReviewer' button. A central announcement box states: 'Please join us on Wednesday, September 7, 2022 from 2:30-3:30 p.m. ET for a webinar to demonstrate the beta version of MetaReviewer, a new, browser-based software for conducting evidence syntheses. Title: MetaReviewer: Demonstrating the beta version of a new, collaboration-minded, browser-based software for conducting evidence syntheses'. The main heading 'Evidence Synthesis by Design' is prominently displayed. A red arrow points from a text box to the 'Sign in' button.

MR
MetaReviewer

About Contact FAQ

Sign in

Try MetaReviewer

Please join us on Wednesday, September 7, 2022 from 2:30-3:30 p.m. ET for a webinar to demonstrate the beta version of MetaReviewer, a new, browser-based software for conducting evidence syntheses.
Title: MetaReviewer: Demonstrating the beta version of a new, collaboration-minded, browser-based software for conducting evidence syntheses


**Evidence Synthesis
by Design**

**Go here after
receiving your
login credentials**

Create Your First Project

← → ↺ 🏠 🔒 metareviewer.org/projects ⏏ ☆ 🗨 Z 📄 📁 ⚙ ⌵ 🗑 ⌵ 👤 ⌵

MR
MetaReviewer

 jpolanin@air.org ▾

Projects Disconnect

My Projects

Actions

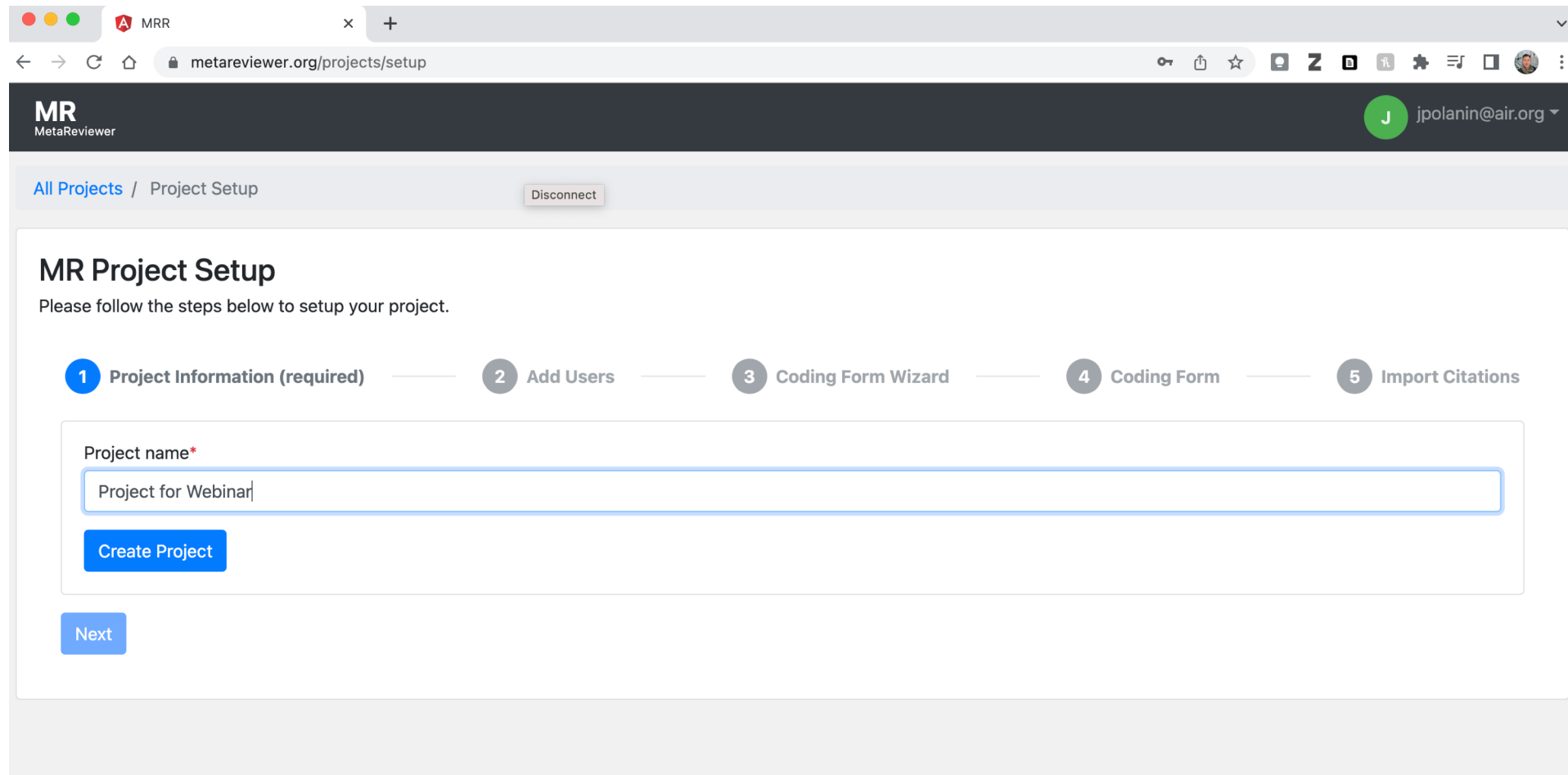
[Click Here to Set Up a New Project](#)

Documentation

How to Use MetaReviewer

Terms and Conditions

Create Your First Project – Step 1



The screenshot shows a web browser window with the URL `metareviewer.org/projects/setup`. The page title is "MR Project Setup" and it includes a navigation bar with "All Projects / Project Setup" and a "Disconnect" button. The main content area displays a five-step wizard: 1. Project Information (required), 2. Add Users, 3. Coding Form Wizard, 4. Coding Form, and 5. Import Citations. Step 1 is currently active. Below the steps, there is a text input field labeled "Project name*" with the text "Project for Webinar" entered. A blue "Create Project" button is positioned below the input field. At the bottom left of the form, there is a blue "Next" button.

MR
MetaReviewer

All Projects / Project Setup Disconnect

MR Project Setup

Please follow the steps below to setup your project.

- 1 Project Information (required)
- 2 Add Users
- 3 Coding Form Wizard
- 4 Coding Form
- 5 Import Citations

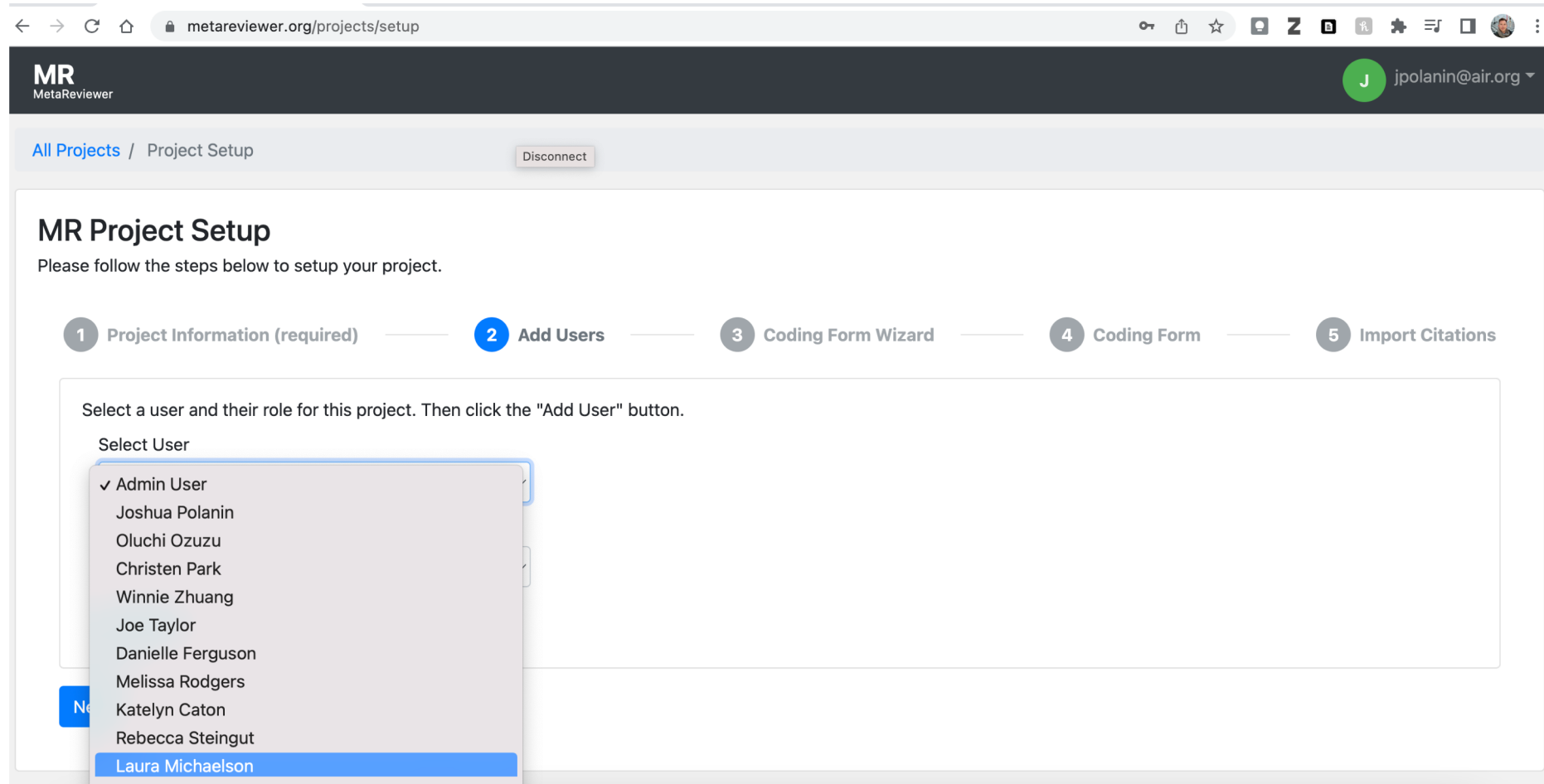
Project name*

Project for Webinar

Create Project

Next

Create Your First Project – Step 2



The screenshot shows the MetaReviewer web application interface. The browser address bar displays `metareviewer.org/projects/setup`. The top navigation bar includes the MetaReviewer logo (MR) and a user profile for `jpolanin@air.org`. Below the navigation bar, the breadcrumb trail shows `All Projects / Project Setup` and a `Disconnect` button. The main heading is **MR Project Setup**, followed by the instruction: *Please follow the steps below to setup your project.*

A progress bar indicates five steps: 1. Project Information (required), 2. Add Users (current step), 3. Coding Form Wizard, 4. Coding Form, and 5. Import Citations.

The **Add Users** step contains the instruction: *Select a user and their role for this project. Then click the "Add User" button.* Below this is a **Select User** dropdown menu. The menu is open, showing a list of users with checkboxes. The **Admin User** is checked. The list includes:

- ✓ Admin User
- Joshua Polanin
- Oluchi Ozuzu
- Christen Park
- Winnie Zhuang
- Joe Taylor
- Danielle Ferguson
- Melissa Rodgers
- Katelyn Caton
- Rebecca Steingut
- Laura Michaelson

Create Your First Project – Step 2

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MR
MetaReviewer

J jpolanin@air.org ▾

[All Projects](#) / Project Setup Disconnect

MR Project Setup

Please follow the steps below to setup your project.

- 1 Project Information (required)
- 2 Add Users**
- 3 Coding Form Wizard
- 4 Coding Form
- 5 Import Citations

Select a user and their role for this project. Then click the "Add User" button.

Select User

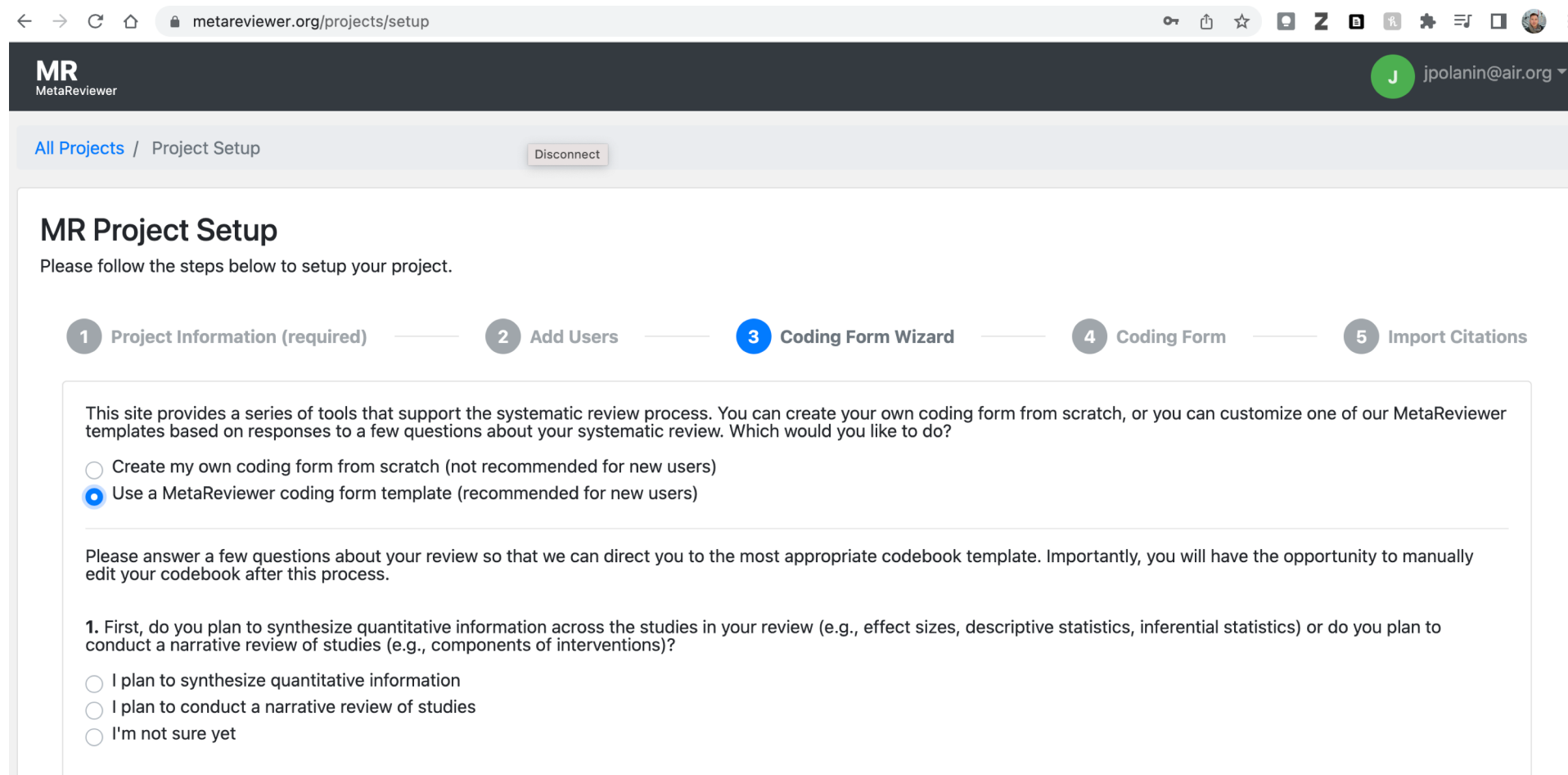
Megan Austin ▾

Select Project Role

- ✓ Project Admin
- Project Member
- Data Reader

[Next](#)

Create Your First Project – Step 3



The screenshot shows the MetaReviewer web application interface. The browser address bar displays 'metareviewer.org/projects/setup'. The top navigation bar includes the 'MR MetaReviewer' logo and a user profile for 'jpolarin@air.org'. Below the navigation bar, a breadcrumb trail shows 'All Projects / Project Setup' and a 'Disconnect' button. The main content area is titled 'MR Project Setup' and includes the instruction 'Please follow the steps below to setup your project.' A progress bar at the top of the main content area shows five steps: 1. Project Information (required), 2. Add Users, 3. Coding Form Wizard (active), 4. Coding Form, and 5. Import Citations. The active step, 'Coding Form Wizard', contains the following text: 'This site provides a series of tools that support the systematic review process. You can create your own coding form from scratch, or you can customize one of our MetaReviewer templates based on responses to a few questions about your systematic review. Which would you like to do?'. Below this text are two radio button options: 'Create my own coding form from scratch (not recommended for new users)' and 'Use a MetaReviewer coding form template (recommended for new users)'. The second option is selected. Further down, there is a paragraph: 'Please answer a few questions about your review so that we can direct you to the most appropriate codebook template. Importantly, you will have the opportunity to manually edit your codebook after this process.' followed by a numbered question: '1. First, do you plan to synthesize quantitative information across the studies in your review (e.g., effect sizes, descriptive statistics, inferential statistics) or do you plan to conduct a narrative review of studies (e.g., components of interventions)?'. Below this question are three radio button options: 'I plan to synthesize quantitative information', 'I plan to conduct a narrative review of studies', and 'I'm not sure yet'.

MR
MetaReviewer

jpolarin@air.org

All Projects / Project Setup Disconnect

MR Project Setup

Please follow the steps below to setup your project.

- 1 Project Information (required)
- 2 Add Users
- 3 Coding Form Wizard
- 4 Coding Form
- 5 Import Citations

This site provides a series of tools that support the systematic review process. You can create your own coding form from scratch, or you can customize one of our MetaReviewer templates based on responses to a few questions about your systematic review. Which would you like to do?

- ☐ Create my own coding form from scratch (not recommended for new users)
- ☒ Use a MetaReviewer coding form template (recommended for new users)

Please answer a few questions about your review so that we can direct you to the most appropriate codebook template. Importantly, you will have the opportunity to manually edit your codebook after this process.

1. First, do you plan to synthesize quantitative information across the studies in your review (e.g., effect sizes, descriptive statistics, inferential statistics) or do you plan to conduct a narrative review of studies (e.g., components of interventions)?

- ☐ I plan to synthesize quantitative information
- ☐ I plan to conduct a narrative review of studies
- ☐ I'm not sure yet

Create Your First Project – Step 3

(Continued in Google Docs with Coding Form Template)

Example Codebook - For Presentations

File Edit View Insert Format Tools Extensions Zotero Help

Last edit was on April 19

Share

100% Normal text Arial

Disconnect

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Form

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Title

Sample Characteristics

Description

1.

Name

sample_id

Type

text

Title

Sample ID

Description

Create and enter a separate sample id for each relevant sample in the report following the convention s1-sk

Required

no

Choices

2.

Name

sample_id_2

Type

text

Title

Copy and paste the Sample ID

Create Your First Project – Step 4 (when ready)

MR
MetaReviewer

jpolanin@air.org

All Projects / Project Setup

Disconnect


MR Project Setup

Please follow the steps below to setup your project.

- 1 Project Information (required)
- 2 Add Users
- 3 Coding Form Wizard
- 4 Coding Form
- 5 Import Citations

Please enter the Document ID for the Google document you would like to use for your coding form.

The easiest way to find the Document ID is to look in the address bar on your web browser when you open the Document. You can find the Document ID for any Google Doc in the address bar when that Doc is open in your web browser. The image below highlights a Document ID in a web browser's address bar.

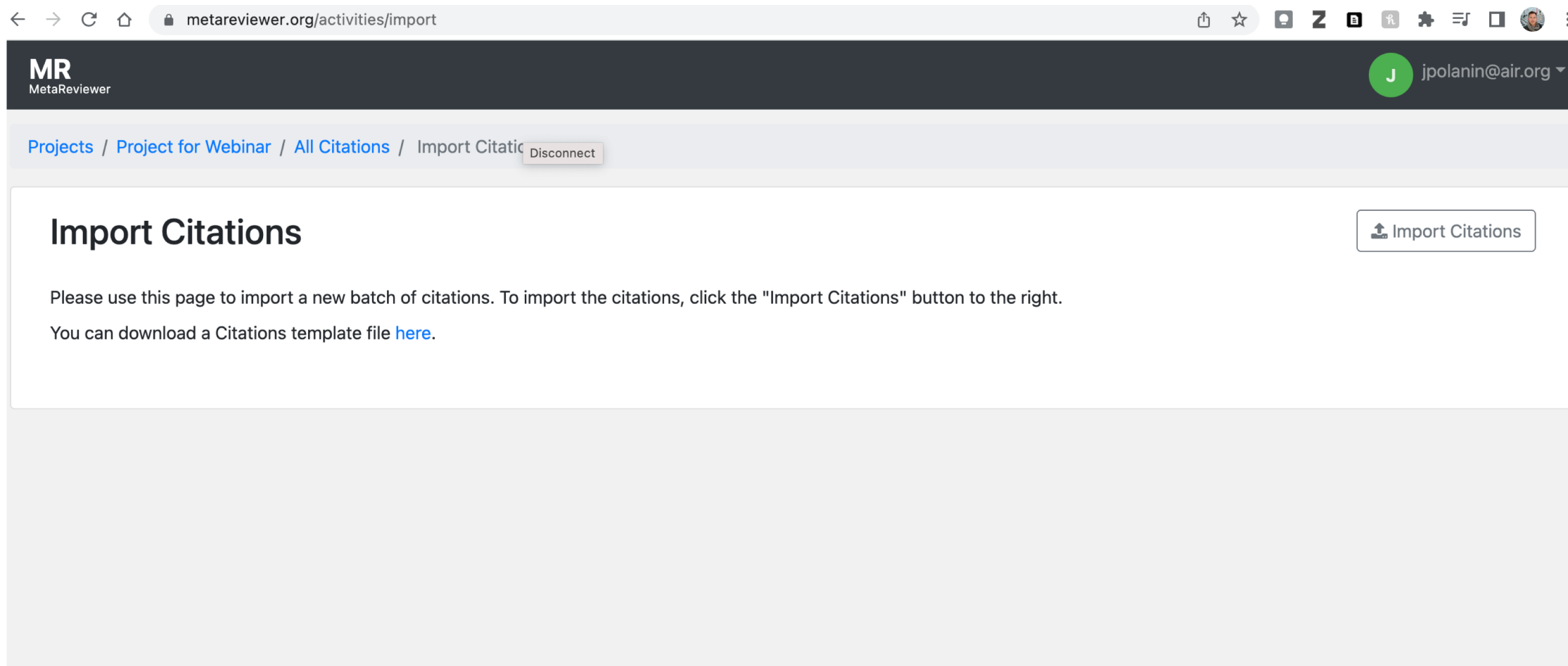


Document ID

Import Coding Form

Next

Create Your First Project – Step 5 (when ready)



The screenshot shows a web browser window with the address bar displaying `metareviewer.org/activities/import`. The page header includes the MetaReviewer logo (MR) and the user's email `jpolanin@air.org`. The breadcrumb navigation shows the path: `Projects / Project for Webinar / All Citations / Import Citations`, with a `Disconnect` button next to the last item. The main content area is titled `Import Citations` and contains the following text: `Please use this page to import a new batch of citations. To import the citations, click the "Import Citations" button to the right.` and `You can download a Citations template file here.` A button labeled `Import Citations` with an upload icon is located in the top right corner of the main content area.

Create Your First Project – Step 5 (when ready)

The screenshot displays the Microsoft Excel interface with a green title bar labeled "Citation_Template_File (2)". The ribbon includes tabs for Home, Insert, Draw, Page Layout, Formulas, Data, Review, View, Acrobat, and Tell me. The Home tab is active, showing options for font (Calibri, size 12), paragraph, and styles. A yellow warning bar states: "Possible Data Loss Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Save As...". The spreadsheet has columns A through U and rows 1 through 27. Row 1 contains the following headers: CIT_ID, PDF_ID, Study_ID, Item_Type, Publication_Author_List, Title, Publication_DOI, Url, Abstract, Pages, Issue, Volume, Publisher, Place, Library_Cata, Editor, Conference_IsMainCitation. The cell A1 is selected, and the formula bar shows "CIT_ID".

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	CIT_ID	PDF_ID	Study_ID	Item_Type	Publication_Author_List	Title	Publication_DOI	Url	Abstract	Pages	Issue	Volume	Publisher	Place	Library_Cata	Editor	Conference_IsMainCitation				
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Create Your First Project – Step 5 (when ready)

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12

General

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Analyze Data

Sensitivity

Create and Share Adobe PDF

Share

Comments

Possible Data Loss

Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format.

Save As...

C2

S9001

Disconnect

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
CIT_ID	PDF_ID	Study_ID	Item_Type	Publication_Y	Author_List	Title	Publication_T	DOI	Url	Abstract	Pages	Issue	Volume	Publisher	Place	Library_Catal
C9001	P9001	S9001	JournalArticle	2018	Kim, Youn Kye	A binary gene	Children & Youth Services R		http://proxy.l	This study exp	141-148		90			EBSCOhost
C9002	P9002		report	2018	Gutierrez, Jos	A symbol of their hard work			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Appeal-Democrat (Marysvil						EBSCOhost
C9003	P9003		JournalArticle	2018	PR Newswire	Addressing Sc	STOPIt-app-edu-safety		http://proxy.l; HOLMDEL, N.J., June 5, 2018 /PRNewswire/ -- STOPIt Solutions, which provides a ci							EBSCOhost
C9004	P9004		report	2018	Dayton, Jim	Advocacy groups push	Janesville to enact		http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost
C9005	P9005		report	2018	Gazzar, Breni	Anti-bullying Jordan's Law might apply to			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Daily News (Los Angeles, CA						EBSCOhost
C9006	P9006		JournalArticle	2018	Chubak, Alber	Bullying -- If It Bee Culture			http://proxy.library.vander		26-27		6	146		EBSCOhost
C9007	P9007		JournalArticle	2018	KIRSTIN PAYN	Bullying: The	Gold Coast Bulletin, The		http://proxy.library.vander		20					EBSCOhost
C9008	P9008		JournalArticle	2018		China's Big Br	Australian, The		http://proxy.library.vander		13					EBSCOhost
C9009	P9009		report	2018	Robbins, Gary	Denny Sanford extends giving spree with			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	San Diego Union-Tribune, T						EBSCOhost
C9010	P9010	S9010	JournalArticle	2018	Greg Hurst	Dictionaries s	Times, The (United Kingdon		http://proxy.l; A group of d	20-20						EBSCOhost
C9011	P9011	S9010	report	2018	Idzerda, Cath	Empathy plus gratitude add up to Makeni			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost
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Every do duplicated citation should

Every de-duplicated citation should have its own unique ID (any value)

Create Your First Project – Step 5 (when ready)

AutoSave OFF Citation_Template_File_beta-webinar — Saved to my Mac

Home Insert Draw Page Layout Formulas Data Review View Acrobat Tell me

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Possible Data Loss Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Save As...

fx S9001 Disconnect

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CIT_ID	PDF_ID	Study_ID	Item_Type	Publication_Y	Author_List	Title	Publication_T	DOI	Url	Abstract	Pages	Issue	Volume	Publisher	Place	Library_Catal	Edi
C9001	P9001	S9001	JournalArticle	2018	Kim, Youn Kye	A binary gene	Children & Youth Services R		http://proxy.l	This study exp	141-148		90			EBSCOhost	
C9002	P9002		report	2018	Gutierrez, Jos	A symbol of their hard work			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Appeal-Democrat (Marysvil					EBSCOhost		
C9003	P9003		JournalArticle	2018	PR Newswire	Addressing Sc	STOPIt-app-edu-safety		http://proxy.l; HOLMDEL, N.J., June 5, 2018 /PRNewswire/ -- STOPIt Solutions, which provides a ci						EBSCOhost		
C9004	P9004		report	2018	Dayton, Jim	Advocacy groups push	Janesville to enact		http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI					EBSCOhost		
C9005	P9005		report	2018	Gazzar, Breni	Anti-bullying Jordan's Law might apply to			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Daily News (Los Angeles, CA					EBSCOhost		
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C9008	P9008		JournalArticle	2018		China's Big Br	Australian, The		http://proxy.library.vander	13						EBSCOhost	
C9009	P9009		report	2018	Robbins, Gary	Denny Sanford extends giving spree with			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	San Diego Union-Tribune, T					EBSCOhost		
C9010	P9010	S9010	JournalArticle	2018	Greg Hurst	Dictionaries s	Times, The (United Kingdom		http://proxy.l; A group of d	20-20						EBSCOhost	
C9011	P9011	S9010	report	2018	Idzerda, Cath	Empathy plus gratitude add up to Makeni			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI					EBSCOhost		
C9012	P9012	S9010	JournalArticle	2018	Walters, Glen	Exploring the Child Abuse & Neglect			http://proxy.l	This study wa	354-365		81			EBSCOhost	
C9013	P9013		JournalArticle	2019	TIM WILLIAM	First-hand bul	Advertiser, The (Adelaide)		http://proxy.library.vander	11						EBSCOhost	
C9014	P9014	S9014	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N					EBSCOhost		
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C9016	P9016	S9016	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N					EBSCOhost		
C9017	P9017		JournalArticle	2019	Cook, Anna1,	Friendship mc	European Journal of Special		http://proxy.l	To date little	302-315	3	33			EBSCOhost	
C9018	P9018		JournalArticle	2019	LAUREN MAF	Helicopter pa	Courier Mail, The (Brisbane		http://proxy.library.vander	2						EBSCOhost	
C9019	P9019	S1019	JournalArticle	2019		Keep a civil w	Managing People at Work		http://proxy.l	The article fo	2-Feb	12	5			EBSCOhost	

This column currently has no functionality and can be blank with no consequence

Create Your First Project – Step 5 (when ready)

AutoSave

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Citation_Template_File_beta-webinar — Saved to my Mac

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Sort & Filter

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Analyze Data

Sensitivity

Create and Share Adobe PDF

Share

Comments

Possible Data Loss

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Save As...

C2

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S9001

Disconnect

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	CIT_ID	PDF_ID	Study_ID	Item_Type	Publication_Y	Author_List	Title	Publication_T	DOI	Url	Abstract	Pages	Issue	Volume	Publisher	Place	Library_Catal
1	C9001	P9001	S9001	JournalArticle	2018	Kim, Youn Kye	A binary gene	Children & Youth Services R		http://proxy.l	This study exp	141-148		90			EBSCOhost
2	C9002	P9002		report	2018	Gutierrez, Jos	A symbol of their hard work			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Appeal-Democrat (Marysvil						EBSCOhost
3	C9003	P9003		JournalArticle	2018	PR Newswire	Addressing ScSTOPit-app-edu-safety			http://proxy.l; HOLMDEL, N.J., June 5, 2018 /PRNewswire/ -- STOPit Solutions, which provides a ci							EBSCOhost
4	C9004	P9004		report	2018	Dayton, Jim	Advocacy groups push Janesville to enact			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost
5	C9005	P9005		report	2018	Gazzar, Breni	Anti-bullying Jordan's Law might apply to			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Daily News (Los Angeles, CA						EBSCOhost
6	C9006	P9006		JournalArticle	2018	Chubak, Alber	Bullying -- If It Bee Culture			http://proxy.library.vander		26-27		6	146		EBSCOhost
7	C9007	P9007		JournalArticle	2018	KIRSTIN PAYN	Bullying: The Gold Coast Bulletin, The			http://proxy.library.vander		20					EBSCOhost
8	C9008	P9008		JournalArticle	2018		China's Big Br Australian, The			http://proxy.library.vander		13					EBSCOhost
9	C9009	P9009		report	2018	Robbins, Gary	Denny Sanford extends giving spree with			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	San Diego Union-Tribune, T						EBSCOhost
10	C9010	P9010	S9010	JournalArticle	2018	Greg Hurst	Dictionaries s Times, The (United Kingdom			http://proxy.l; A group of d	20-20						EBSCOhost
11	C9011	P9011	S9010	report	2018	Idzerda, Cath	Empathy plus gratitude add up to Makeni			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost
12	C9012	P9012	S9010	JournalArticle	2018	Walters, Glen	Exploring the Child Abuse & Neglect			http://proxy.l	This study wa	354-365			81		EBSCOhost
13	C9013	P9013		JournalArticle	2019	TIM WILLIAM	First-hand bul Advertiser, The (Adelaide)			http://proxy.library.vander		11					EBSCOhost
14	C9014	P9014	S9014	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N						EBSCOhost
15	C9015	P9015	S9014	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N						EBSCOhost
16	C9016	P9016	S9016	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N						EBSCOhost
17	C9017	P9017		JournalArticle	2019	Cook, Anna1,	Friendship mc European Journal of Special			http://proxy.l	To date little	302-315		3	33		EBSCOhost
18	C9018	P9018		JournalArticle	2019	LAUREN MAF	Helicopter pa Courier Mail, The (Brisbane			http://proxy.library.vander		2					EBSCOhost
19	C9019	P9019	S1019	JournalArticle	2019		Keep a civil w Managing People at Work			http://proxy.l	The article fo	2-Feb		12	5		EBSCOhost

A citation row with a StudyID automatically

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CIT_ID	PDF_ID	Study_ID	Item_Type	Publication_Y	Author_List	Title	Publication_T	DOI	Url	Abstract	Pages	Issue	Volume	Publisher	Place	Library_Catal	Edi	
C9001	P9001	S9001	JournalArticle	2018	Kim, Youn Kye	A binary gene	Children & Youth Services R		http://proxy.l	This study exp	141-148		90			EBSCOhost		
C9002	P9002		report	2018	Gutierrez, Jos	A symbol of their hard work			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Appeal-Democrat (Marysvil						EBSCOhost		
C9003	P9003		JournalArticle	2018	PR Newswire	Addressing Sc	STOPIt-app-edu-safety		http://proxy.l; HOLMDEL, N.J., June 5, 2018 /PRNewswire/ -- STOPIt Solutions, which provides a ci							EBSCOhost		
C9004	P9004		report	2018	Dayton, Jim	Advocacy groups push	Janesville to enact		http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost		
C9005	P9005		report	2018	Gazzar, Breni	Anti-bullying Jordan's Law might apply to			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Daily News (Los Angeles, CA						EBSCOhost		
C9006	P9006		JournalArticle	2018	Chubak, Alber	Bullying -- If It Bee Culture			http://proxy.library.vander		26-27		6	146			EBSCOhost	
C9007	P9007		JournalArticle	2018	KIRSTIN PAYN	Bullying: The	Gold Coast Bulletin, The		http://proxy.library.vander		20						EBSCOhost	
C9008	P9008		JournalArticle	2018		China's Big Br	Australian, The		http://proxy.library.vander		13						EBSCOhost	
C9009	P9009		report	2018	Robbins, Gary	Denny Sanford extends giving spree with			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	San Diego Union-Tribune, T						EBSCOhost		
C9010	P9010	S9010	JournalArticle	2018	Greg Hurst	Dictionaries s	Times, The (United Kingdom		http://proxy.l; A group of d	20-20							EBSCOhost	
C9011	P9011	S9010	report	2018	Idzerda, Cath	Empathy plus gratitude add up to Makeni			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost		
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C9016	P9016	S9016	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N						EBSCOhost		
C9017	P9017		JournalArticle	2019	Cook, Anna1,	Friendship mc	European Journal of Special		http://proxy.l	To date little	302-315		3	33			EBSCOhost	
C9018	P9018		JournalArticle	2019	LAUREN MAF	Helicopter pa	Courier Mail, The (Brisbane		http://proxy.library.vander		2						EBSCOhost	
C9019	P9019	S1019	JournalArticle	2019		Keep a civil w	Managing People at Work		http://proxy.l	The article fo	2-Feb		12	5			EBSCOhost	

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C9001	P9001	S9001	JournalArticle	2018	Kim, Youn Kye	A binary gene	Children & Youth Services R		http://proxy.l	This study exp	141-148		90			EBSCOhost
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C9011	P9011	S9010	report	2018	Idzerda, Cath	Empathy plus gratitude add up to Makeni			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Janesville Gazette, The (WI						EBSCOhost
C9012	P9012	S9010	JournalArticle	2018	Walters, Glen	Exploring the Child Abuse & Neglect			http://proxy.l	This study wa	354-365			81		EBSCOhost
C9013	P9013		JournalArticle	2019	TIM WILLIAM	First-hand bul	Advertiser, The (Adelaide)		http://proxy.library.vander		11					EBSCOhost
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C9016	P9016	S9016	report	2019	Etzler, Allen	Frederick County Board of Education canc			http://proxy.library.vanderbilt.edu/login?url=http://search.ebscohost.com/	Frederick News-Post, The (N						EBSCOhost
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C9018	P9018		JournalArticle	2019	LAUREN MAF	Helicopter pa	Courier Mail, The (Brisbane		http://proxy.library.vander		2					EBSCOhost
C9019	P9019	S1019	JournalArticle	2019		Keep a civil w	Managing People at Work		http://proxy.l	The article fo	2-Feb		12	5		EBSCOhost

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F12605		S12605	Çetin Dindar, Ayla	The effect of 5E learning ..	2012	Dissertation	Eligible	Eligible	Eligible		
F12601		S12601	Kaynar, Devrim	The effect of 5E learning ..	2007	Dissertation	Eligible	Eligible	Eligible		
F12556		S12556	Sunar, Sabiha	The effect of context-bas ..							
F12530		S12530	Mary Felicia Opara	Piagetian 5E Model and St ..							
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S10324		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	OO	DF	MR		3/24/22, 3:18 PM	
S10370		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	CA	DF	MR		3/30/22, 9:12 PM	
S10224		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	DF	MA	MR		3/30/22, 9:15 PM	
S10084		Eligible for Coding	Coding Complete	Not applicable	Included in meta-analysis	DF	MA	MR		3/30/22, 9:15 PM	

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Study Id:

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Study Name:

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F12396 INTEGRATING THE LEARNING CYCLE AND THE VARIATION THEORY FOR ENHANCING CONCEPT COMPREHENSION IN WEB-BASED COURSES



PDFs and Supporting Documents

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Workflow & Status

Eligibility Status

Eligible for Coding



Last updated at: Sep 2, 2022, 8:39:35 AM

Coding Status

Assigned and In Process



Last updated at: Sep 2, 2022, 8:54:04 AM

AQ Status



Last updated at: Sep 2, 2022, 8:39:12 AM

Final Inclusion Status



Last updated at: Sep 2, 2022, 8:39:12 AM

Coder 1

Joshua Polanin



Last updated at: Sep 2, 2022, 8:54:01 AM

Coder 2

Megan Austin



Last updated at: Sep 2, 2022, 8:40:36 AM

Reconciler

Megan Austin



Last updated at: Sep 2, 2022, 8:40:30 AM

Coding Forms

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Sample Characteristics

Intervention Condition Characteristics

Comparison Condition Characteristics

Research Design and Quality

Constructs (Baseline and Outcome Measures)

Effect Size Information

Codebook

Header

1. The User Guide for this codebook can be found here: <https://teams.microsoft.com/l/file/BD5DD13A-8B53-484A-8BF2-910D8BF7F399?tenantId=9ea45dbc-7b72-4abf-a77c-c770a0a8b962&fileType=docx&objectUrl=https%3A%2F%2Fmsair.sharepoint.com%2Fsites%2FNSF5EandMetaRevieweR%2FShared%20Documents%2F5E%20Meta-Analysis%2F5.%20Protocol%20and%20supporting%20documents%2F5E%20Codebook%20User%20Guide.docx&baseUrl=https%3A%2F%2Fmsair.sharepoint.com%2Fsites%2FNSF5EandMetaRevieweR&serviceName=teams&threadId=19:f959c679ae8c491989bd1a459bfe3948@thread.tacv2&groupId=aa1b73f5-ba88-4a04-91a3-e603ba1326af>

2. Study ID

3. Is this an eligible implementation of the 3E/5E/7E model?

NOTE: Eligible 3E implementations must have at least the equivalent of an Explore, Explain, and an Elaborate. All versions, 3E/5E/7E must be sequenced so that the Explore comes before the Explain. The intent of the Explain stage is that the student formulates the explanation while being guided by the teacher. All versions of the intervention must have a minimum duration of 8 hours. If study authors indicate that they have implemented a 5E or 7E model but any of the requirements of Es listed here are not possible to confirm, the model can be indicated as a 5E or 7E with limited information.

Choose...



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Example Codebook - For Presentation

Effect Size Information

Intervention (in months)

Unique effect size ID *

ES1

ES2

Choose...

- SMD: Pretest only, Means
- SMD: Posttest only, Unadjusted Means
- SMD: Posttest only, Adjusted Means
- ✓ SMD: Pretest & Posttest, Unadjusted Means
- SMD: Pretest only, T Statistic
- SMD: Posttest only, T Statistic
- SMD: Pretest & Posttest, T Statistic
- SMD: Pretest only, F Statistic
- SMD: Posttest only, F Statistic
- SMD: Posttest, ANCOVA F Statistic
- SMD: Pretest only, Linear Regression Coefficient
- SMD: Posttest only, Linear Regression Coefficient
- SMD: Posttest, Adjusted Linear Regression Coefficient
- SMD: Pretest only, Calculated SMD
- SMD: Posttest only, Calculated SMD
- SMD: Pretest & Posttest, Calculated SMD
- OR: Pretest only, Proportions
- OR: Posttest only, Proportions
- OR: Pretest & Posttest, Proportions
- OR: Pretest only, Frequencies
- OR: Posttest only, Frequencies
- OR: Pretest & Posttest, Frequencies
- OR: Pretest only, Calculated OR
- OR: Posttest only, Calculated OR
- OR: Pretest & Posttest, Calculated OR
- OR: Pretest only, Logistic Regression Coefficient
- OR: Posttest only, Logistic Regression Coefficient
- OR: Pretest & Posttest, Adjusted Logistic Regression Coefficient

Pretest - Sample Size

Intervention - Posttest - Sample Size

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Go directly to page

Effect Size Information ▾

[Close](#)

Example Codebook - For Presentations

Effect Size Information

Which type of effect size will you be coding? *

SMD: Pretest & Posttest, Unadjusted ▾

SMD: Posttest, Adjusted Linear Regre ▾

Intervention - Pretest - Sample Size

Intervention - Posttest - Sample Size

Comparison - Pretest - Sample Size

Compari

Formatted CSV for Analysis

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ID	Study ID	Creation Date	Completion Date	Created By	Completed By	Delete
32	F10557	12/21/21, 4:06 PM	1/31/22, 1:56 PM	Oluchi Ozuzu	Oluchi Ozuzu	 Delete
33	S12268	12/21/21, 6:07 PM	3/29/22, 11:03 AM	Melissa Rodgers	Melissa Rodgers	 Delete
7	S10013	10/26/21, 12:52 PM	2/25/22, 12:00 AM	Crystal Aguilera	Crystal Aguilera	 Delete

B4 Eligible for Coding

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	study_id	eligibility_status	coding_status	aq_status	final_inclusion	coder_1	coder_2	reconciler	flag_for_disc	citation_id	citation_name	item_type	publication_year	authors
2	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
3	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
4	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
5	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
6	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
7	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
8	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie
9	\$10565	Eligible for Coding	Ready for Reconciliation/Validation			CA		JP		R10565	Improving English language learners' oral			Zhang, Jie

	A	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ
1	study_id	SampleID2	SampleName	SampleType	AssignLevel	AssignLevelOf	StudyDesign	StudyDesign	StudyDesign	StudyDesign	Avg_Age	Pct_Born	Grade_PK	Grade_Group	Female_Pct	Male_Pct	EconDisady_F
2	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
3	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
4	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
5	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
6	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
7	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
8	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				
9	S10565	s1 - treatment	treatment	Subgroup of a	Teacher/Classroom		Yes	No	NA (RCT)		11.2		5th grade				

EX13 Teacher/Classroom

	A	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF
1	study_id	OutcomeID	OutcomeName	NegOutcome	OutcomeMeasure	OutcomeMeasure	LanguageType	LanguageType	LanguageType	OutcomeLanguage	OutcomeLanguage	OutcomeLanguage	OutcomeMeasure	OutcomeMeasure	OutcomeMeasure	OutcomeMeasure
2	S10565	o1 - SVT listening	SVT listening comprehension		Standardized achievement		Yes								Yes	
3	S10565	o2 - cloze test	cloze test		Standardized achievement		Yes									
4	S10565	o3 - SVT Reading	SVT Reading		Standardized achievement		Yes									
5	S10565	o4 - length - T	narrative length in T-units		Other (write- SALT transcript)		Yes									Yes
6	S10565	o5 - length - v	narrative length in words		Other (write- SALT transcript)		Yes									Yes
7	S10565	o6 - syntax - r	mean length of utterances		Other (write- SALT transcript)		Yes									Yes
8	S10565	o7 - syntax - S	subordinate index		Other (write- SALT transcript)		Yes									Yes
9	S10565	o8 - vocab - d	number of different words		Other (write- SALT transcript)		Yes									Yes

Home Insert Draw Page Layout Formulas Data Review View Acrobat Tell me

Default

Keep Exit New Options

Normal Page Break Preview Page Layout Custom Views

☒ Ruler ☒ Formula Bar ☒ Gridlines ☒ Headings

Zoom 120% Zoom to 100% Zoom to Selection

New Window Arrange All Unfreeze Panes Freeze Top Row Freeze First Column Split Hide Unhide Switch Windows Macros

HX11																	
	A	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ
1	study_id	PreIntv_Mea	PreIntv_SD_T	PreIntv_SD_C	PreIntv_SDTy	PostIntv_Me	PostIntv_Mea	PostIntv_Mea	PostIntv_SD_	PostIntv_SD_	PostIntv_SDT	PostIntv_Pos	PostIntv_Pos	PostIntv_Neg	PostIntv_Neg	PostIntv_Pos	PostIntv_Pos
2	S10565					0.64	0.65	Raw means	0.09	0.08	Raw SDs						
3	S10565					0.37	0.35	Raw means	0.18	0.16	Raw SDs						
4	S10565					0.66	0.57	Raw means	0.09	0.11	Raw SDs						
5	S10565					43	33.85	Raw means	9.25	11.35	Raw SDs						
6	S10565					355.23	328.42	Raw means	91.67	106.54	Raw SDs						
7	S10565					7.7	8.59	Raw means	0.67	1.59	Raw SDs						
8	S10565					1.14	1.16	Raw means	0.07	0.14	Raw SDs						
9	S10565					94.61	94.57	Raw means	14.3	18.03	Raw SDs						

Beta Launch Logistics

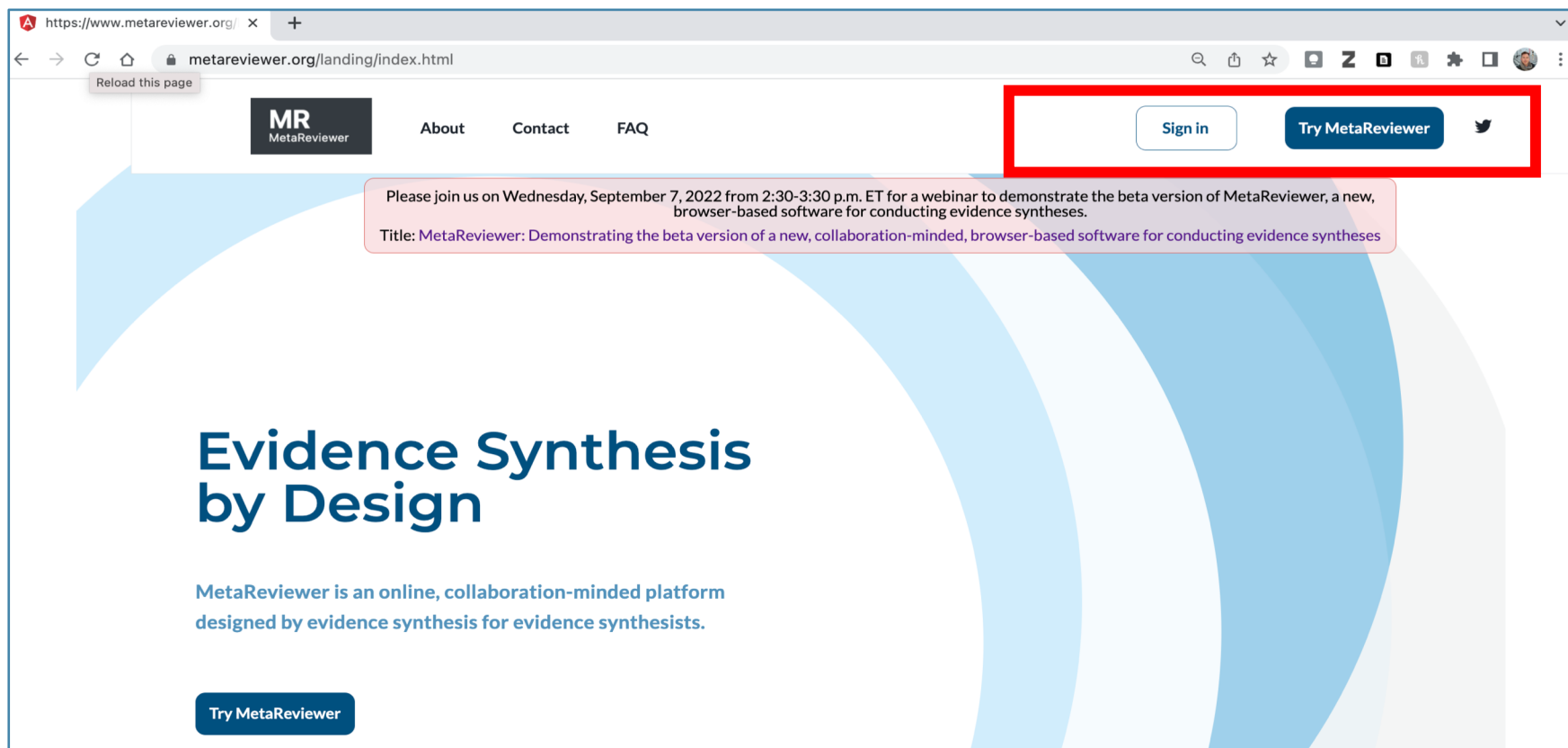
Beta Launch Logistics

- We will send login credentials within the next 24 hours (1 business day after signing up onward)
 - Continuous access to MetaReviewer (after beta testing ends, too)
 - Help desk access with promise of response rate between 2-3 business days
 - » email metareviewer@air.org
 - We may ask for feedback via short survey
- On or around November 16, 2022, to ensure sufficient resources for full launch
 - **No new Beta users after this date**
 - **Limited to no help desk response**
 - We will email all users with plenty of lead time
- Full launch planned for end of summer or early fall 2023
 - Additional functionality for screening
 - Updates from responses to Beta testing

Question and Answer

Question and Answer

Submit your questions! Or go to “Try MetaReviewer” to sign up for the Beta version.





The Credits

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METHODS OF SYNTHESIS AND INTEGRATION CENTER (MOSAIC)

METAREVIEWER – BETA LAUNCH

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