



CAHS Research Education Program Research Skills Seminar

Using REDCap for Data Capture and Management

5 May 2023



Presented by

Dr Jane Mugure Githae

CAHS Research Education Program

Research Fellow



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Child and Adolescent Health Service, Department of Research

Department of Health, Government of Western Australia

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Using REDCap for Data Capture and Management

PRESENTATION SLIDES





Government of Western Australia
Department of Health




CAHS Research Education Program


2023 Research Skills Seminar Series

Using REDCap for Data Capture and Management


Presented by 5th May 2023



Dr Jane Mugure Githae
Research Education Program - Research Fellow




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Acknowledgement of country

I would like to acknowledge the
traditional custodians of the land,
the Noongar Whadjuk people,
and pay my respects to their elders,
past, present and future.




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CAHS Research Education Program


Research Skills Seminar Series

A free, open-access resource designed to upskill busy clinical staff and students and improve research quality and impact.


- 

Over 20 topics across the research process

 - 1h overview
 - Handouts are provided
- 

Recorded and uploaded
- 



Feedback

 - Back of handout
 - Emailed link
- 


Please hold questions to the end

 - Use provided microphone

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- ☐ Guidelines on Data Collection & Management
- ☐ REDCap features and capabilities
- PS
- ☐ Not a live Demo




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Data should be FAIR


FINDABLE


ACCESIBLE


INTEROPERABLE


REUSABLE

<https://www.nature.com/articles/sdata201618>
<https://ardc.edu.au/resources/aboutdata/fair-data/>

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Data Management

Organization & documentation of data within the processes of a research project

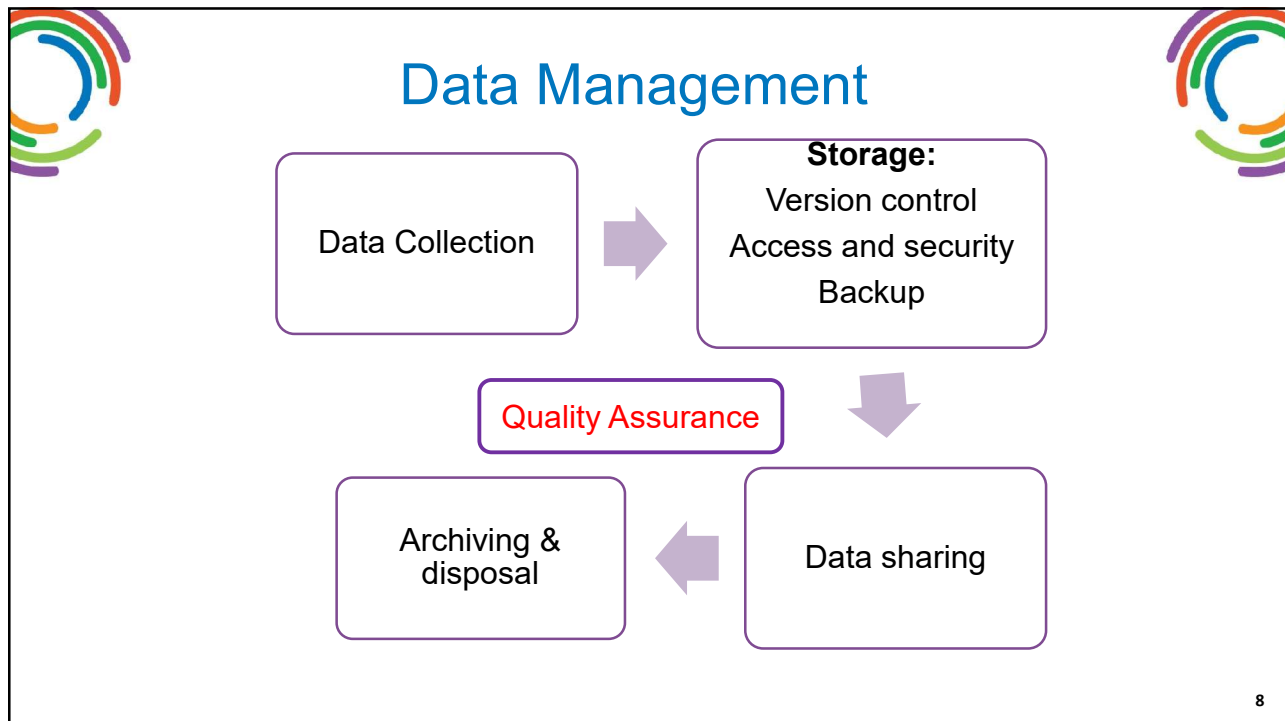
- ✓ Ensures efficiency of research processes
- ✓ Enables collaboration
- ✓ Necessity for funding
- ✓ Data security
- ✓ Shareable data enables audits

DATA MANAGEMENT



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Guideline

- Australian Code for Responsible Conduct of Research(2018):
 - Institutions
 - Researchers



"Now, now, now, there's no reason to be intimidated by compliance." #RegTech @truloo

[Management of Data and Information in Research NHMRC](#)

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Institutional responsibilities

- ☐ Training of researchers
- ☐ Ownership, stewardship and control of research data and primary materials
- ☐ Storage, retention and disposal
- ☐ Safety, security and confidentiality
- ☐ Access by interested parties

[Management of Data and Information in Research NHMRC](#)

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Researcher responsibilities

- ❑ Data management plan:
 - Security
 - Policies & procedures
 - Licensing agreements
 - Training team members
 - Data collection form
 - Retention & publication

[Management of Data and Information in Research NHMRC](#)

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**"Begin with the end in mind."
Stephen Covey**

The 7 Habits of Highly Effective People

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Data Collection

Consider:

1. Research aim / objectives
2. Type of data required
3. Methods and procedures for:
 - Data collection
 - Storage
 - Analysis



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Data Collection Strategy

- ☐ Study flow
 - Number of data collection forms
- ☐ Users:
 - Research team &/or self-administered tool
- ☐ Access:
 - Limited or public
- ☐ Statistical analysis plan
- ☐ Timeframe
 - Testing, training, ease-of-use

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“Garbage in, garbage out”



Your analysis is as good as your data.


Quality is never an accident. It is always the result of intelligent effort
John Ruskin

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What is REDCap?

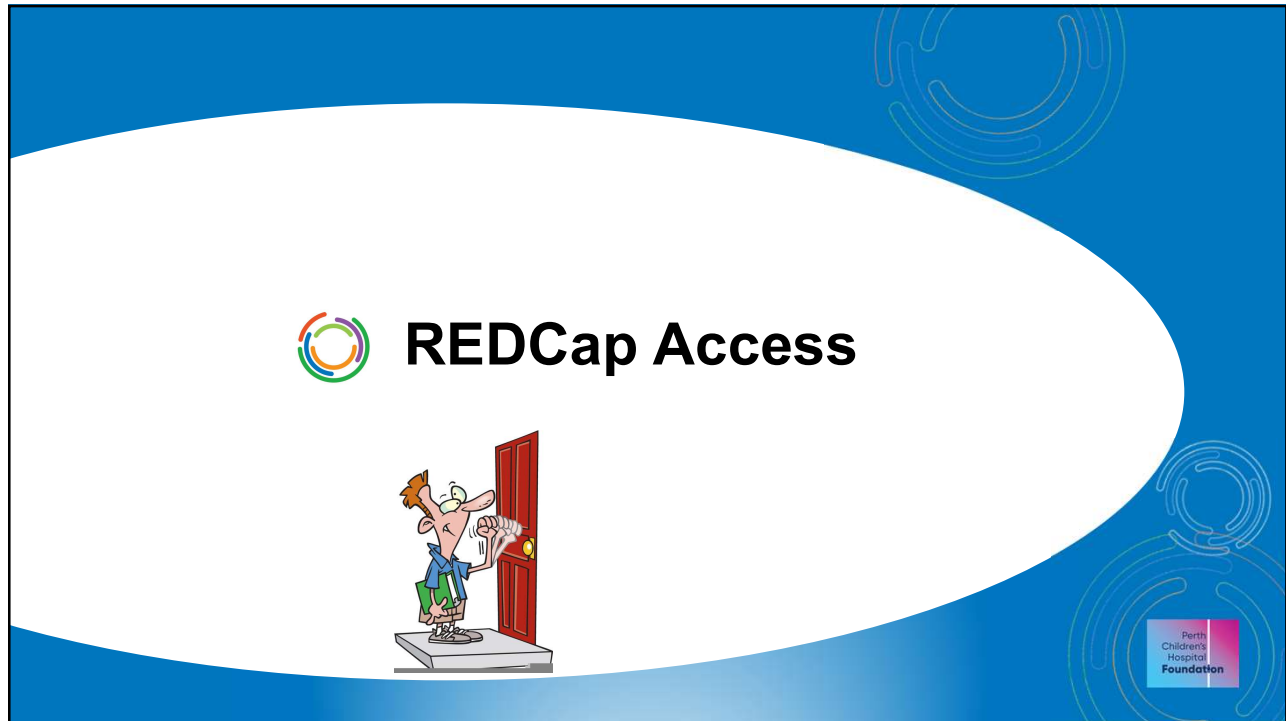
- Web application
- Vanderbilt University (2004)
- Available to:
 - **Institutional Partners (WA DoH, TKI)**
 - REDCap consortium: NGOs
 - REDCap Cloud: Fee – based
 - Vanderbilt’s REDCap system



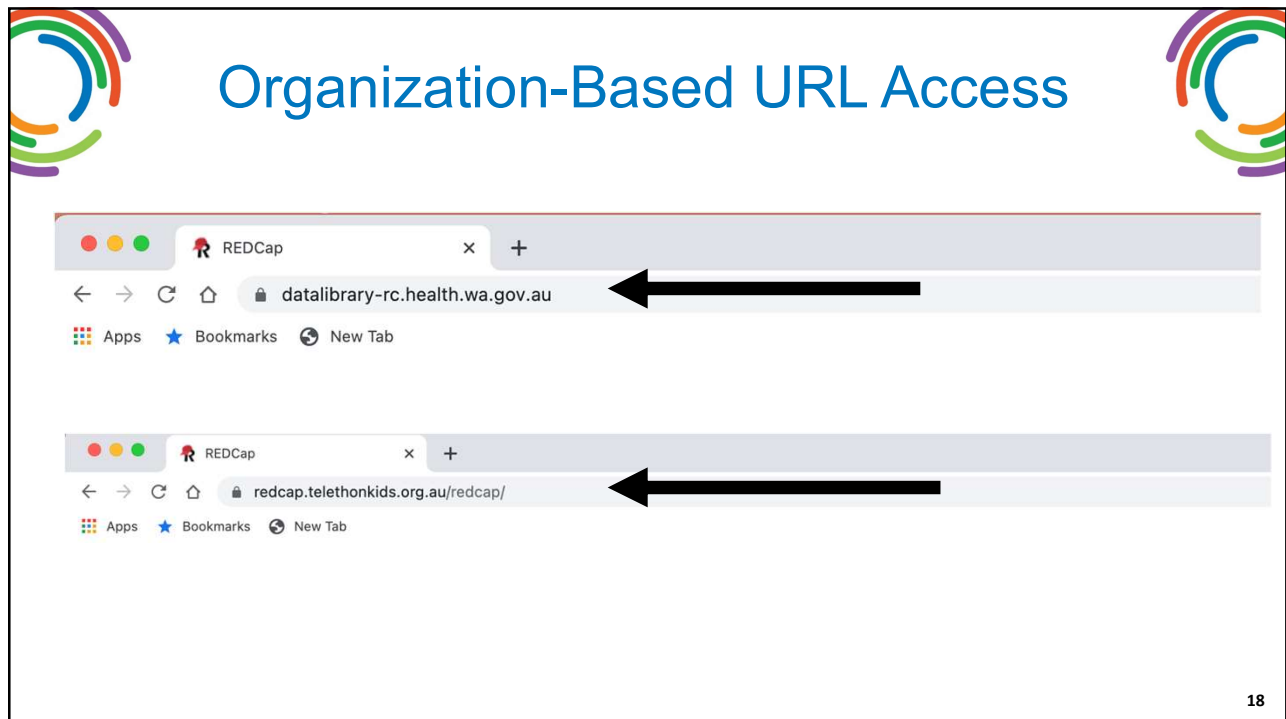
Institutions	Countries	Projects	Users	Citations
6506	153	1.6M	2.4M	31.7k

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Secure Individual Access



**Government of Western Australia
Department of Health**

Welcome to WA Health REDCap

Please log in with your user name and password. If you are having trouble logging in, please contact [The REDCap Administrator](#).

Username:

Password:

[Forgot your password?](#)

2- step verification off - campus

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Control Project Access: User Rights

Project Home
Project Setup
User Rights
Data Access Groups

This page may be used for granting users access to this project and for managing the user privileges of those users. You may also create roles to which you may assign users (optional). User roles are useful when you will have several users with the same privileges because they allow you to easily add many users to a role in a much faster manner than setting their user privileges individually. Roles are also a nice way to categorize users within a project. In the box below you may add/assign users or create new roles, and the table at the bottom allows you to make modifications to any existing user or role in the project, as well as view a glimpse of their user privileges.

Upload or download users, roles, and assignments ?

Add new users: Give them custom user rights or assign them to a role.

— OR —

Create new roles: Add new user roles to which users may be assigned.

(e.g., Project Manager, Data Entry Person)

Show 1 suspended users

Role name <small>(click role name to edit role)</small>	Username or users assigned to a role <small>(click username to edit or assign to role)</small>	Expiration <small>(click expiration date to edit)</small>	Data Access Group <small>(click DAG to assign user)</small>	Project Design and Setup	User Rights	Data Access Groups	Data Viewing Rights	Data Export Rights	Reports & Report Builder	Stats & Charts
—	he [redacted]	never	—	✓	✓	✓	4 View & Edit	4 Pull Data Set	✓	✓
Co investigators	he [redacted]	31/12/2022	PCH	✓	✓	✓	4 View & Edit	3 De-identified 1 Full Data Set	✓	✓

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A screenshot of the REDCap interface for the "WEDDING RECEPTION GUEST LIST" project. The interface includes a left-hand menu, a top navigation bar, and a main content area with project settings and data collection tools.

Menu (Left-hand navigation bar):

- Project Home and Design
 - Project Home
 - Project Setup
 - Designer
 - Dictionary
 - Codebook
- Data Collection
 - Survey Distribution Tools
 - Record Status Dashboard
 - Add / Edit Records
- Applications
 - Project Dashboards
 - Alerts & Notifications
 - Multi-Language Management
 - Data Exports, Reports, and Stats
 - Data Import Tool
 - Data Comparison Tool
 - Logging
 - Field Comment Log
 - File Repository
 - Customize & Manage Locking/E-signatures
 - Data Quality
 - API and API Playground
 - DoH REDCap Support

Project Name & Reference Number (Top right): WEDDING RECEPTION GUEST LIST PID: 6638

Set-up options (Main project settings):


- Use surveys in this project? [?] (checked)
- Use longitudinal data collection with defined events? [?] (checked)
- Modify project title, purpose, etc.

Data collection tool design (Design your data collection instruments & enable your surveys):

- Go to Online Designer or Data Dictionary
- Explore the REDCap Instrument Library
- Check For Identifiers
- Learn how to use: Smart Variables, Piping, Action Tags, Field Embedding, Special Functions

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REDCap Interface (2)

 **Define your events and designate instruments for them**

Create events for re-using data collection instruments and/or set up scheduling.

Go to [Define My Events](#) or [Designate Instruments for My Events](#)


[I'm done!](#)

 **Enable optional modules and customizations**

[Enable](#) ☒ Repeating instruments and events [?](#)
[Disable](#) ☒ Auto-numbering for records [?](#)
[Enable](#) ☒ Scheduling module (longitudinal only) [?](#)
[Enable](#) ☒ Randomization module [?](#)
[Enable](#) ☒ Designate an email field for communications (including survey invitations and alerts) [?](#)

[Additional customizations](#)

[I'm done!](#)

 **Set up project bookmarks (optional)**

You may create custom bookmarks to webpages that exist inside or outside of REDCap. These bookmarks will be seen as links on the left-hand project menu and can be accessed at any time by users who are given privileges to do so. Every project bookmark has custom settings that allow one to control its appearance and behavior.

Go to [Add or edit bookmarks](#)

[I'm done!](#)

Longitudinal study
Set-up


Customization
options

Bookmarks to
webpages

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REDCap Interface (3)

 **User Rights and Permissions**

You may grant other users access to this project or edit the user privileges of current users on this project by navigating to the User Rights page. Additionally, if you wish to limit user access to certain records/responses for this project, you may want to use Data Access Groups, in which only users within a given Data Access Group can access records created by users within that group.


Go to [User Rights](#) or [Data Access Groups](#)

[I'm done!](#)

 **Test your project thoroughly**

It is important to test the essential components of your project before moving it into production. Try creating a few test records and entering some data for each to ensure that your data collection instruments look and behave how you expect, especially branching logic and calculations. Then review your test data by creating reports and exporting your data to view in Excel or a statistical analysis package. If you have surveys, complete the surveys as if you were a participant by using the Public Survey Link or Participant List by sending a survey invitation to yourself. If other project modules will be used regularly, test them out a bit too. The best way to test your project is to use it as if you were entering real production data, and it is always helpful to have colleagues (especially team members) take a look at your project to get a fresh set of eyes looking at it.

[I'm done!](#)

 **Move your project to production status**

Move the project to production status so that real data may be collected. Once in production, you will not be able to edit the project fields in real time anymore. However, you can make edits in Draft Mode, which will be auto-approved or else might need to be approved by a REDCap administrator before taking effect.

Go to [Move project to production](#)

Access options

Testing Reminder

Final step before
commencing data
collection

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Help Manuals

+ New Project **Help & FAQ** Training Videos

REDCap Help & FAQ

Click the tabs below to navigate to a specific topic. When performing a keyword search, each tab will list the number of keyword matches in that section.

Search for a Question

Enter a keyword or phrase

No filter applied.

General Project Setup/Design Data Collection Instrument Design Data Entry/Collection Communicating from REDCap Applications

Making Production Changes Optional Modules and Services

Jump to a sub-section: General | Licensing | Mobile Devices | Language Modules

General

- How much experience with programming, networking and/or database construction is required to use REDCap?
- Where can I suggest a new REDCap feature?
- Can I still maintain a paper trail for my study, even if I use REDCap?
- Can I transition data collected in other applications (ex: MS Access or Excel) into REDCap?

Allows user to get answers to specific questions

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Getting Help On REDCap

Help & FAQ Training Videos

REDCap Help & FAQ

Click the tabs below to navigate to a specific topic. When performing a keyword search, each tab will list the number of keyword matches in that section.

Search for a Question

branching logic

38 question(s) found.


General Project Setup/Design 7 Data Collection Instrument Design 25 Data Entry/Collection 2 Communicating from REDCap Applications 3 Making Production Changes 1 Optional Modules and Services

Jump to a sub-section: General | Licensing | Mobile Devices | Language Modules


REDCap 12.4.31 - © 2023 Vanderbilt University

Select desired sub-section

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Training Videos



[Help & FAQ](#)
[Training Videos](#)

REDCap Training Videos


Just Getting Started?
Explore these overviews of fundamental concepts and features.

Title	Description	Watch Video
Brief Overview	A quick summary of what REDCap is and what it can do.	 4 minutes
Detailed Overview	This video provides an overview of basic functions and features within a REDCap project. It will serve as a starting point for learning about the basic concepts of REDCap, what REDCap projects are, how to create them, and how to use them.	 14 minutes
Data Entry Overview	A focused exploration of basic data entry workflow. Suitable for training data entry staff.	 19 minutes


Easily accessible training


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REDCap for Data Collection





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REDCap for Data Collection

- ☐ Web browser
- ☐ REDCap Mobile App
- ☐ CSV / CDISC ODM (XML) import
- ☐ MyCap
- ☐ PDF print out of the form

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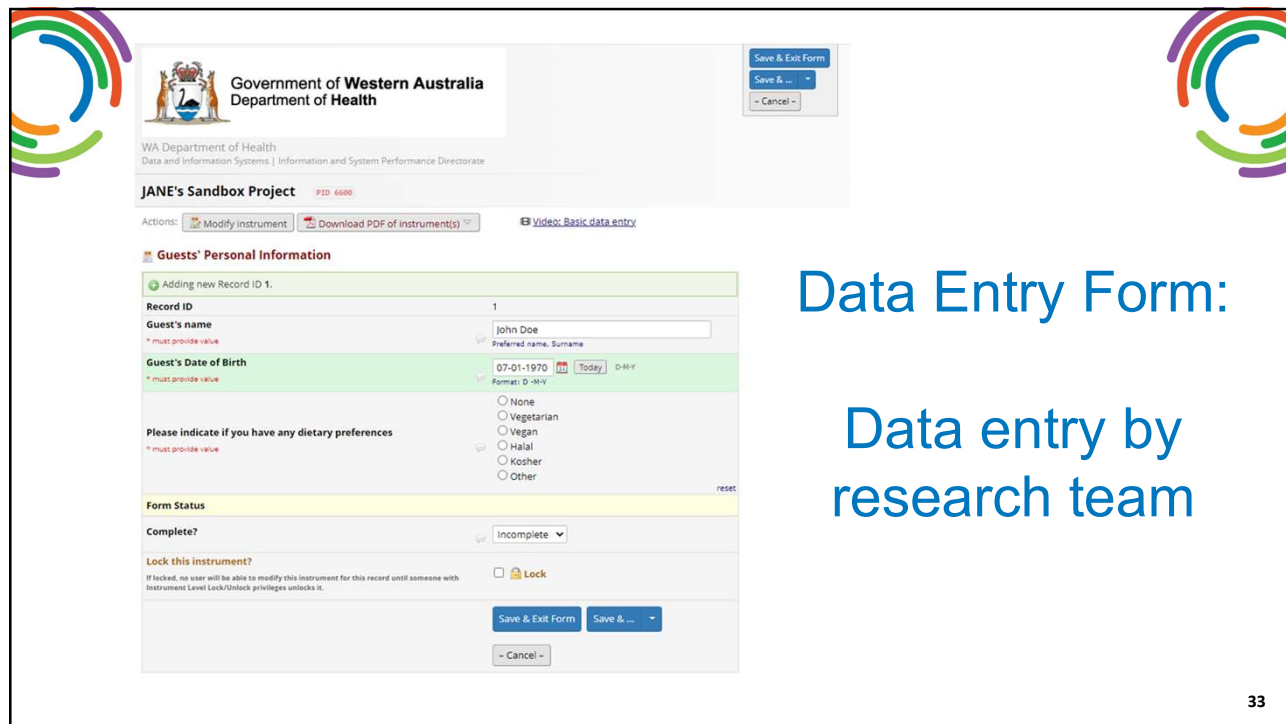


Project Setup

Data Collection Tool	Data Collection Format
<ul style="list-style-type: none">• Data Entry Form• Survey• Both	<ul style="list-style-type: none">• Classic study• Longitudinal study

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Department of Health

WA Department of Health
Data and Information Systems | Information and System Performance Directorate

JANE's Sandbox Project P10 6600

Actions: [Modify instrument](#) [Download PDF of instrument\(s\)](#) [Video: Basic data entry](#)

Guests' Personal Information

Adding new Record ID 1.

Record ID: 1

Guest's name: John Doe
* must provide value Preferred name, Surname

Guest's Date of Birth: 07-01-1970
* must provide value Format: D-M-Y Today D-M-Y

Please indicate if you have any dietary preferences
* must provide value

☐ None
☐ Vegetarian
☐ Vegan
☐ Halal
☐ Kosher
☐ Other

Form Status

Complete? Incomplete

Lock this instrument?
If locked, no user will be able to modify this instrument for this record until someone with Instrument Level Lock/Unlock privileges unlocks it.

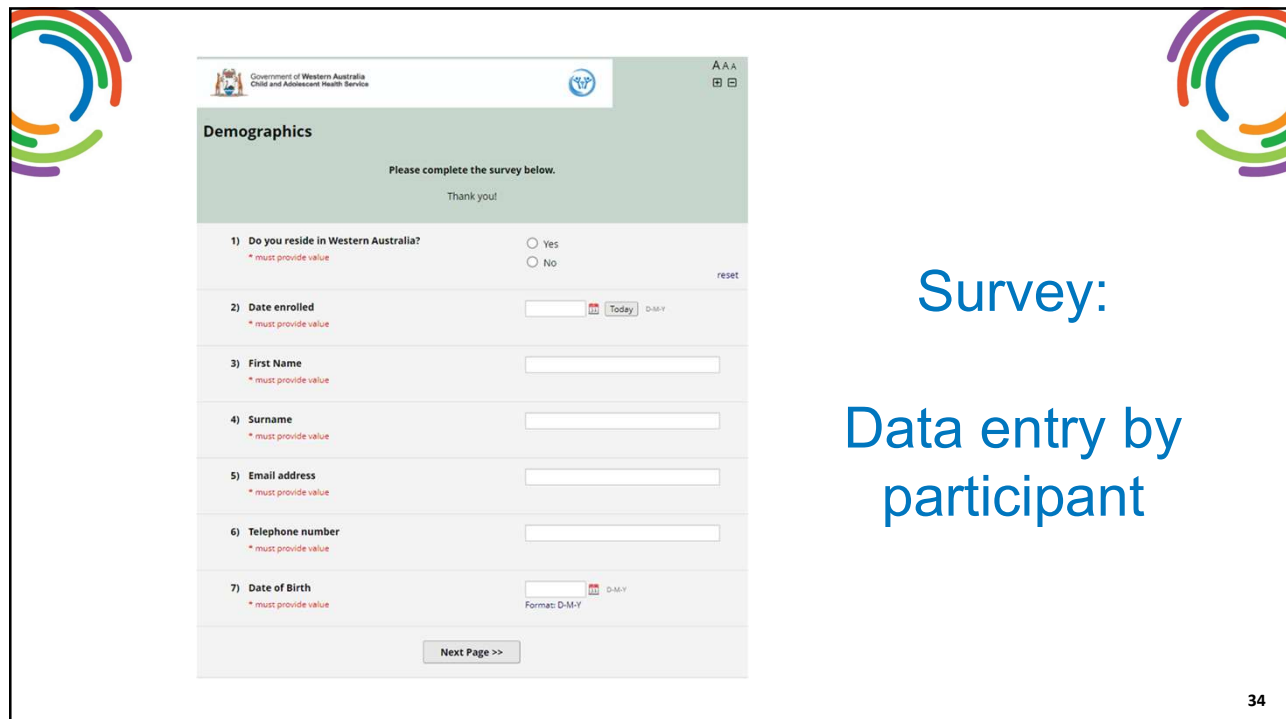
☐ Lock

Save & Exit Form Save & ...
Cancel

Data Entry Form:

Data entry by research team

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Child and Adolescent Health Service

Demographics

Please complete the survey below.
Thank you!

1) Do you reside in Western Australia?
* must provide value ☐ Yes ☐ No

2) Date enrolled
* must provide value

3) First Name
* must provide value

4) Surname
* must provide value

5) Email address
* must provide value

6) Telephone number
* must provide value

7) Date of Birth
* must provide value Format: D-M-Y

Next Page >>

Survey:

Data entry by participant

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Data Variables: REDCap Field Types

Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the [Field Types video \(4 min\)](#).

Field Type: ---- Select a Type of Field ----

- Select a Type of Field ----
- Text Box (Short Text, Number, Date/Time, ...)
- Notes Box (Paragraph Text)
- Calculated Field
- Multiple Choice - Drop-down List (Single Answer)
- Multiple Choice - Radio Buttons (Single Answer)
- Checkboxes (Multiple Answers)
- Yes - No
- True - False
- Signature (draw signature with mouse or finger)
- File Upload (for users to upload files)
- Slider / Visual Analog Scale
- Descriptive Text (with optional Image/Video/Audio/File Attachment)
- Begin New Section (with optional text)

Select appropriate field type from drop-down list

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Designing a Data Collection Field

Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the [Field Types video \(4 min\)](#).

Field Type: Text Box (Short Text, Number, Date/Time, ...)

Field Label

Guest's name

☐ Use the Rich Text Editor

Variable Name (utilized in logic, calculations and exports)

name

☐ Enable auto naming of variable based upon its Field Label?

Validation? (optional) None

Required? ☐ No ☒ Yes

Identifier? ☒ No ☐ Yes

Field Note (optional) Preferred name, Surname

Field Label: Actual question

Variable Name: REDCap 'code' name


Required field: Prompts user to enter value

Identifier: Research Ethics

Field note: Explanation to user

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Data Collection: Matrix of Fields

Current instrument: **Lifestyle** Return to edit view

NOTE: Please be aware that branching logic and calculated fields will not function on this page. They only work on the survey pages and data entry forms.

Please select the choices that indicate your weekly routine for the following activities

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Aerobics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Weight training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drinking alcoholic beverages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cigarette smoking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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REDCap Design Capabilities



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Data Validation during Data Entry

Add New Field

You may add a new project field to this data collection instrument by completing the fields below and clicking the Save button at the bottom. When you add a new field, it will be added to the form on this page. For an overview of the different field types available, you may view the [Field Types video \(4 min\)](#).

Field Type:

Field Label: ☐ Use the Rich Text Editor

Variable Name: ☐ Enable auto naming of variable based upon its Field Label?

Validation? (optional):

Required? ☒ Yes ☐ No

Identifier? ☒ Yes ☐ No

Custom Alignment:

Field Note (optional):

Validation Options:

- None
- Date (D-M-Y)
- Date (Y-M-D)
- Datetime (D-M-Y H:M)
- Datetime w/ seconds (D-M-Y H:M:S)
- DOH Australia International Phone number (61000000000)
- DOH HE Number (he#####)
- DOH Medicare Number (11 digits)
- DOH Provider Number (7 characters total: 6 digits followed by upper-case alpha)
- DOH Street Number (numbers, letters, hyphen, slash)
- DOH Text with spaces (letters, hyphen, apostrophe, space)
- DOH UMRN Health WA (1st character alpha, 8 characters total)
- Email
- Integer
- Letters only
- Number
- Number (1 decimal place)
- Number (2 decimal places)
- Number (3 decimal places)
- Number (4 decimal places)

Select desired format from drop-down list

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Applying Branching Logic

Variable: diet

Please indicate if you have any dietary preferences

* must provide value

☐ None

☐ Vegetarian

☐ Vegan

☐ Halal

☐ Kosher

☐ Other

reset

Add Field Add Matrix of Fields Import from Field Bank

Variable: spec_diet Branching logic: [diet] = '5'

Kindly specify your dietary requirements

* must provide value

☐ Gluten - free

☐ Dairy - free

☐ Lactose - free

☐ Ketogenic diet

☐ Diabetic diet

Select all the options that apply to you

Add Field Add Matrix of Fields Import from Field Bank

Conditionally shows and hides fields based on the selection of a response:

- Link specific dietary responses to 'Other' option

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Data Collection: Calculated Fields

Intermediate REDCap Workshop PID 370

Actions: Modify instrument Download PDF of instrument(s) VIDEO: Basic data entry

Health Parameters

Editing existing Record ID 1

Event Name: Initial Visit

Record ID 1

Height (cm) * must provide value

Weight (kg) * must provide value

Body Mass Index (BMI) * must provide value [View equation](#)

Form Status

Complete?

Performs
Calculations
based on
equations

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Create Individual Schedule for Longitudinal Study Participant

Add new Record ID: OR - choose existing unscheduled -

Start Date:

✓ Successfully Scheduled "2"

Record ID "2" was successfully scheduled for the dates and times below and has been added to the [Calendar](#). You may now edit this schedule or add more information, such as changing the status (e.g., "Cancelled", "Confirmed") or adding descriptive notes, by clicking the [View or Edit Schedule](#) tab above.

Schedule for "2"

[Edit](#) [Print](#)

Time	Date	Event Name
	02/05/2022 Monday	Initial Visit
	04/06/2022 Saturday	Bootcamp 1
	02/07/2022 Saturday	Bootcamp 2
	30/07/2022 Saturday	Bootcamp 3
	30/08/2022 Tuesday	Final Visit

Can print schedule for study participant

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Create a Calendar for Study Team in Longitudinal Study

Calendar [VIDEO: How to use the calendar \(7 min\)](#)

The Calendar application can be used as a project calendar within this project to help organize your schedule and keep track of any upcoming events. It will allow you to add or modify calendar events and then view them either in a daily, weekly, or monthly format below. To add a new note or calendar event to any day, click **New** at the top of that day's box to begin entering the information. Since you have already defined multiple events for this project, you may additionally [generate a schedule](#) using your pre-defined Events, which will then be added to the calendar.

Day Week Month Agenda [Sync Calendar to External Application](#) [Print Calendar](#)

May 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	New 1	New 2	New 3	New 4 = 1 (Initial visit) = 2 (Initial visit) = 3 (Initial visit)	New 5	New 6
New 7	New 8	New 9	New 10	New 11	New 12	New 13
New 14	New 15	New 16	New 17	New 18	New 19	New 20
New 21	New 22	New 23	New 24	New 25	New 26	New 27
New 28	New 29	New 30	New 31			

**To view each day's
scheduled activities &
participants**

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REDCap shared library: Access to validated instruments

Agitated Behavior Scale ★ 1584

Details:

Institution:	REDLOC
Contact:	Brenda Minor
Contact email:	brenda.l.minor@vumc.org
Submitted by:	Brenda Minor
Description:	<p>The Agitated Behavior Scale (ABS) was developed to assess the nature and extent of agitation during the acute phase of recovery from acquired brain injury. Its primary purpose is to allow serial assessment of agitation by treatment professionals who want objective feedback about the course of a patient's agitation. Serial assessments are particularly important when treatment interventions are being attempted. This instrument may be useful with populations other than patients recovering from acquired brain injury. Tabloski, McKinnon-Howe, and Remington (1995) and Corrigan, Bogner, and Tabloski (1996) demonstrated the utility of the ABS for measuring agitation in nursing home residents with progressive dementias, primarily Alzheimer's disease. Description obtained from: Bogner, J. (2000). The Agitated Behavior Scale. The Center for Outcome Measurement in Brain Injury. http://www.tbims.org/combi/abs (accessed April 20, 2011).</p>


Acknowledgement: Corrigan, J.D. (1989). Development of a scale for assessment of agitation following traumatic brain injury. Journal of Clinical and Experimental Neuropsychology, 11, 261-277.

Last updated: April 20, 2011

[View as web page](#)
[View as PDF](#)
NOTE: PDFs of non-English instruments may not render correctly here, but will render correctly in REDCap projects.
[Import into my REDCap project](#)

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REDCap Shared Library

Viewing instrument as web page

The table below displays the data collection instrument as it would appear when viewed in REDCap.


一般资料

Editing existing record

1. 年龄 (岁)	<input type="text"/>	
2. 婚姻状况	<input type="radio"/> 未婚 <input type="radio"/> 已婚 <input type="radio"/> 离异	reset value
3. 是否为学生	<input type="radio"/> 是 <input type="radio"/> 否	reset value
4. 学历	<input type="radio"/> 初中及以下 <input type="radio"/> 高中 <input type="radio"/> 大学 <input type="radio"/> 研究生及以上	reset value
5. 宗教信仰	<input type="radio"/> 无 <input type="radio"/> 有	reset value
您信仰的宗教名称	<input type="text"/>	
	<input type="radio"/> <1 <input type="radio"/> 1000	

Close

Description: 女性问卷-一般资料




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**REDCap
shared library:**

**Access some
common
Instruments
in different
languages**

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REDCap Surveys



Survey Stop Feature

Government of Western Australia
Child and Adolescent Health Service

Demographics

Please complete the survey below.
Thank you!

1) Do you reside in Western Australia? ☐ Yes ☒ No reset

2) Date enrolled Today D-M-Y * must provide value

3) First name

4) Surname

5) Email

6) Telephone number

7) Date of Birth D-M-Y Format: D-M-Y * must provide value

Next Page >>

**STOP survey if inclusion
criteria not met**

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File Upload Feature for Surveys

Current instrument: **Health Parameters** Preview instrument

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)

Variable: visit_date

Visit date Today D-M-Y * must provide value

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)

Variable: home_vitals

Please upload your home Blood Pressure and Fasting Blood Sugar Monitoring Chart [Upload file](#)

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)

Variable: height

Height (cm) * must provide value

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)

Variable: weight

Weight (kg) * must provide value

[Add Field](#) [Add Matrix of Fields](#) [Import from Field Bank](#)

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e-Consent REDCap Survey

Demographics

Displayed below is a read-only copy of your survey responses. Please review it and the options at the bottom.

1 of 1

Demographics

Please complete the 2-minute survey below.
Thank you!

Date enrolled	29-08-2022
First Name	Brian
Surname	White
Email address	bwhite@red345.com
Telephone number	0467899900
Date of Birth	21-09-1987 (Format: D-M-Y)

☐ I certify that all of my information in the document above is correct. I understand that clicking 'Submit' will electronically sign the form and that signing this form electronically is the equivalent of signing a physical document.

If any information above is not correct, you may click the 'Previous Page' button to go back and correct it.

<< Previous Page
Submit

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Customising Survey Instructions & Design

Government of Western Australia
Child and Adolescent Health Service

AAA

⊕ ⊞

Lifestyle

Dear Ryan,

Piping

Please take a minute to fill in the following details about your weekly lifestyle.

Thank you!

Please select the choices that indicate your weekly routine for the following activities

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1) Aerobics	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2) Weight training	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3) Drinking alcoholic beverages	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4) Cigarette smoking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Next Page >>

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Automated Survey Invitations

Data Collection Instruments

+ Create a new instrument from scratch
 Import a new instrument from the official REDCap Instrument Library
 Upload Instrument ZIP file from another project/user or external libraries

Form options:
 Form Display Logic

Survey options:
 Survey Queue Survey Login
 Survey Notifications

Automated Survey Invitation options:
 Upload or download Auto Invitations
 Re-evaluate Auto Invitations

Instrument name	Fields	View PDF	Enabled as survey	Instrument actions	Survey-related options
Demographics	9			Choose action	Survey settings + Automated Invitations
Health Parameters	7		Enable	Choose action	
Lifestyle	4			Choose action	Survey settings + Automated Invitations
Completion Data	1		Enable	Choose action	

Automated Invitations
 Choose an event below for which to set up or modify automated survey invitations.

- + Set up Initial visit
- + Set up Bootcamp 1
- + Set up Bootcamp 2
- + Set up Bootcamp 3
- + Set up Final Visit

- Requires designation of an email field to send out invitations to participants
- Can schedule invites and set up reminders

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Public Survey Distribution

Designer - Dictionary - Codebook
 Project status: Development

Data Collection

- Survey Distribution Tools
 - Get a public survey link or build a participant list for inviting respondents
- Scheduling
 - Generate schedules for the calendar using your defined events
- Record Status Dashboard
 - View data collection status of all records
- Add / Edit Records
 - Create new records or edit/view existing ones

Applications

- Project Dashboards
- Alerts & Notifications
- Calendar
- Data Exports, Reports, and Stats
- Data Import Tool
- Data Comparison Tool
- Logging
- Field Comment Log
- File Repository
- User Rights and DAGs
- Customize & Manage Locking/E-signatures
- Data Quality
- API and API Playground
- External Modules
- New REDCap Support

Intermediate REDCap Workshop PID 7913

Survey Distribution Tools

Public Survey Link Participant List Survey Invitation Log

Using a public survey link is the simplest and fastest way to collect responses for your survey. You may obtain the survey link below to email it to your participants. Responses will be collected anonymously (unless the survey contains questions asking for identifying data from the participant). **NOTE:** Since this method uses a single survey link for all participants, it allows for the possibility of participants taking the survey multiple times, which may be necessary in some cases.

To obtain the survey link, copy the URL below and paste it into the body of an email message in your own email client. Your email recipient(s) can then click the link to begin taking your survey.

Public Survey URL: <https://datalibrary-rc.health.wa.gov.au/surveys/?s=3DRM33P9...>

☐ Protect the public survey using the Google reCAPTCHA feature

Link Actions

- Open public survey
- Open public survey + Log out
- Send me URL via email

Link Customizations

- Get Short Survey Link
- Create Custom Survey Link
- Get Embed Code

**Good for
anonymous
responses
from the public**

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Survey Distribution: Participant List

Survey Distribution Tools

Public Survey Link **Participant List** Survey Invitation Log

The Participant List option allows you to **send a customized email** to anyone in your list and **track who responds to your survey**. It is also possible to identify an individual's survey answers, if desired, by providing an Identifier for each participant (this feature must first be enabled by clicking the 'Enable' button in the table below). Note: All survey responses collected are considered anonymous unless you 1) are using Participant Identifiers or 2) have enabled the designated email field for invitations. [More details](#)

Survey Response Status: Anonymous* ?

Participant List belonging to: [Initial survey] "Demographics" - Initial visit

Displaying 1 - 16 of 16 **Add participants** Compose Survey Invitations **Export list**

Email	Record	Participant Identifier	Responded?	Invitation Scheduled?	Invitation Sent?	Link	Survey Access Code and QR Code	Survey Queue
		Enable						

- Can export email addresses from spreadsheet
- Can customise email invite & track responses

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Survey Queue Feature

Close survey

Thank you for taking the survey.

Have a nice day!

Survey Queue [Get link to my survey queue](#)

Dear Angie Thank you for enrolling in this study. Please find a list of the short surveys you have not yet completed.

Status	Survey Title
Begin survey	Lifestyle - Initial visit

Show participants number of surveys pending and provide quick access to them

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Data Export Options

Exporting "All data (all records and fields)"

Select your export settings, which includes the export format (Excel/CSV, SAS, SPSS, R, Stata) and if you wish to perform de-identification on the data set.

Choose export format

- ☒ CSV / Microsoft Excel (raw data)
- ☒ CSV / Microsoft Excel (labels)
- ☐ SPSS Statistical Software
- ☐ SAS Statistical Software
- ☐ R Statistical Software
- ☐ Stata Statistical Software
- ☐ CDISC ODM (XML)

De-identification options (optional)

The options below allow you to limit the amount of sensitive information that you are exporting out of the project. Check all that apply.

Known Identifiers:

- ☐ Remove All Identifier Fields (tagged in Data Dictionary)
- ☐ Hash the Record ID field (converts record name to an unrecognizable value)

Free-form text:

- ☐ Remove unvalidated Text fields (i.e. Text fields other than dates, numbers, etc.)
- ☐ Remove Notes/Essay box fields

Date and datetime fields:

- ☐ Remove all date and datetime fields
- ☐ OR —
- ☐ Shift all dates by value between 0 and 364 days (shifted amount determined by algorithm for each record)

[What is date shifting?](#)

[Deselect all options](#)

Additional export options

- ☒ Export survey identifier field and survey timestamp field(s)?

Advanced data formatting options

Export blank values for gray Form Status?

All Form Status fields with a gray status icon can be exported either as a blank value or as "0" (Incomplete). Hint: Blank values are recommended if the data will be imported back into REDCap, in which this preserves the gray status icons for all the imported records.

Export gray Form Status fields with value of "0"

Set CSV delimiter character

Set the delimiter used to separate values in the CSV data file (only valid for CSV Raw Data and CSV Labels export formats):

Force all numbers into a specified decimal format?

You may choose to force all data values containing a decimal to have a specified decimal character (comma or period/full stop). This will be applied to all calculations and number-validated text values in the export file.

Use fields' native decimal format (default)

NOTE: Your data formatting selections above will be remembered in the future and will be pre-selected upon your next export.

Export Data **Cancel**

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Data Visualization

Data Exports, Reports, and Stats

VIDEO: How to use Data Exports, Reports, and Stats

+ Create New Report My Reports & Exports Other Export Options

This module allows you to easily view reports of your data, inspect plots and descriptive statistics of your data, as well as export your data to Microsoft Excel, SAS, Stata, R, or SPSS for analysis (if you have such privileges). If you wish to export your *entire* data set or view it as a report, then Report A is the best and quickest way. However, if you want to view or export data from only specific instruments (or events) on the fly, then Report B is the best choice. You may also create your own custom reports below (if you have such privileges) in which you can filter the report to specific fields, records, or events using a vast array of filtering tools to make sure you get the exact data you want. Once you have created a report, you may view it as a webpage, export it out of REDCap in a specified format (Excel, SAS, Stata, SPSS, R), or view the plots and descriptive statistics for that report.

My Reports & Exports				
	Report name	View/Export Options	Management Options	Report ID (auto-generated)
A	All data (all records and fields)	View Report Export Data Stats & Charts		
B	Selected instruments (all records)	Make custom selections		
+ Create New Report				

View data as:

- Full report (table)
- Customized report (table)
- Charts
- Basic statistics

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Simple Charts and Stats

+ Create New Report My Reports & Exports Other Export Options Stats & Charts: All data (all records and fields)

Number of results returned: 16
Total number of records queried: 16
(records = total available data across all designated events)

Live filters: [Record ID] [Events] [Data Access Group]

All data (all records and fields)

DISPLAY OPTIONS

Select a data collection instrument to view: Demographics

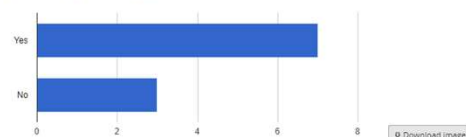
Optional: Select a record to overlay onto the plots below: --select record--

Viewing options: [Show plots & stats](#) [Show plots only](#) [Show stats only](#)

Do you reside in Western Australia? (residence) [Refresh Plot](#) [View as Bar Chart](#)


Total Count (N)	Missing*	Unique
10	6 (37.5%)	2

Counts/frequency: Yes (7, 70.0%), No (3, 30.0%)





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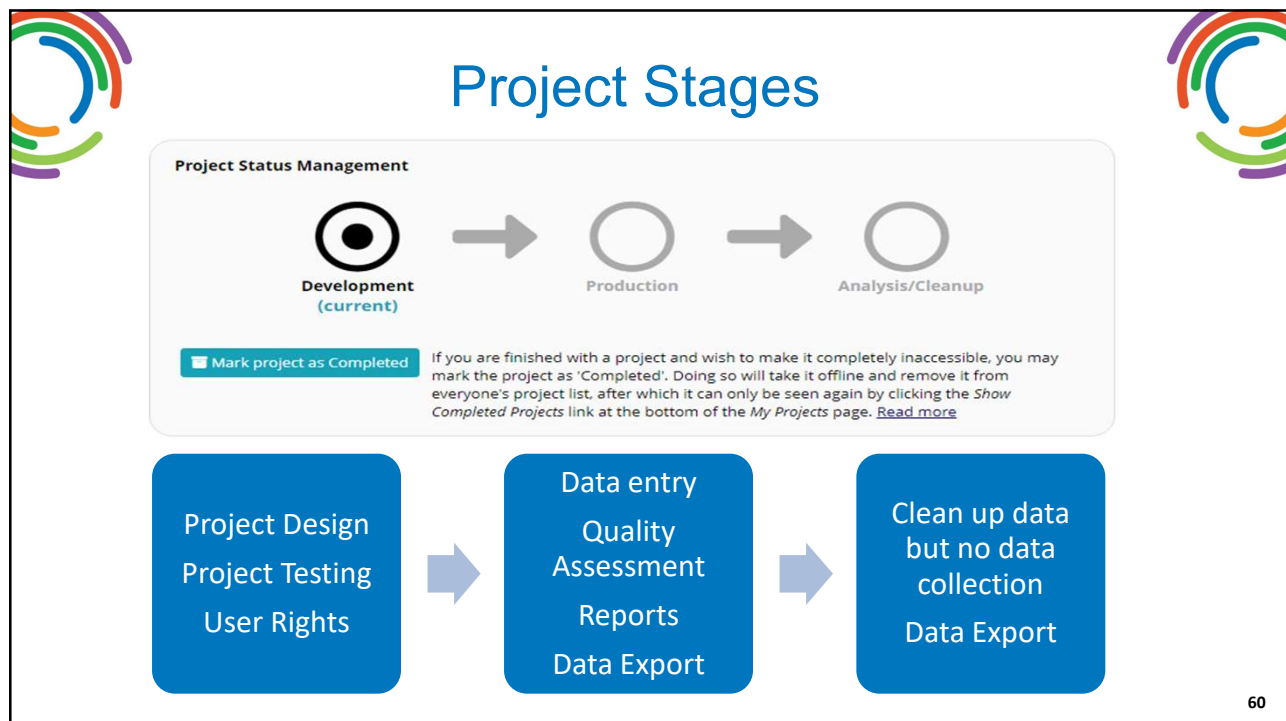
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REDCap for Data Management

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Logging: Automatic Audit Trail

Intermediate REDCap Workshop PID 7013

Logging

Export (CSV): ☒ All logging ☒ All pages using current filters ☒ Current page

This module lists all changes made to this project, including data exports, data changes, and the creation or deletion of users.

Filter by event: All event types (excluding page views)

Filter by user name: All users

Filter by record: All records

Filter by time range from: 23/05/2022 12:12 to Custom range Past Day Past Week Past Month Past Year No limit

Displaying events (by most recent): 1 - 67 (Page 1 of 1)

By default, only the logged events from the **past week** are displayed below, but you may change the time range filter above.

Time / Date	Username	Action	List of Data Changes OR Fields Exported
30/05/2022 10:02am		Updated User	user =
30/05/2022 9:42am		Updated User	user =
30/05/2022 7:56am		Updated User	user =

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Data Quality Checks

Upload or download Data Quality Rules

Execute rules: ☒ All ☒ All except A&B Clear

Apply to: All Records

Rule #	Rule Name	Rule Logic (Show discrepancy only if...)	Real-time execution <input type="checkbox"/>	Total Discrepancies	PCH	Delete rule?
A	Blank values*	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
B	Blank values* (required fields only)	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
C	Field validation errors (incorrect data type)	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
D	Field validation errors (out of range)	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
E	Outliers for numerical fields (numbers, integers, sliders, calc fields)**	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
F	Hidden fields that contain values***	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
G	Multiple choice fields with invalid values	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
H	Incorrect values for calculated fields	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		
I	Fields containing "missing data codes"	-	<input type="checkbox"/>	<input type="button" value="Execute"/>		

Pre-defined list

Customise rules

Add

Enter descriptive name for new rule (e.g., Participants below age 18)

Enter logic for new rule (e.g., [age] < 18)

Execute in real time on data entry forms ☐


[How do I use special functions?](#)

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Project Backup

Copy or Back Up the Project

 Copy the project

Make an exact duplicate of this project. All project fields will be copied over, and you will be prompted to set the title and info for the new project. You may choose to copy or not copy the existing data in the current project to the new one.

 Download metadata only (XML)

 Download metadata & data (XML)

Download a backup of this project. The entire project (all records, events, arms, instruments, fields, and project attributes) can be downloaded as a single XML file, which is in CDISC ODM format (ODM version 1.3.1). This XML file can be used to create a clone of the project (including its data, optionally) on this REDCap server or on another REDCap server (it can be uploaded on the Create New Project page). Because it is in CDISC ODM format, it can also be used to import the project into another ODM-compatible system.

NOTE: The exported XML file does *not* contain the project's logging history (audit trail), but if you wish to obtain it, you may freely download it any time at the top of the Logging page.

What is the REDCap API?

The REDCap API is an interface that allows external applications to connect to REDCap remotely, and is used for programmatically retrieving or modifying data or settings within REDCap, such as performing automated data imports/exports from a specified REDCap project. For details on the capabilities of the REDCap API and how to use it, please see the [REDCap API documentation](#).

NOTE: If you wish to obtain an API token, which will allow you to make API requests, then someone must first grant you API user privileges on the User Rights page, after which you will then see a link called 'API' on the left-hand menu. That API page will provide instructions on how to request an API token.

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Project Migration

Exporting "Entire project (metadata & data)"

Export Entire Project (metadata & data)



REDCap Project (XML)

The entire project (all records, events, arms, instruments, fields, and project attributes) can be downloaded as a single XML file, which is in CDISC ODM format (ODM version 1.3.1).

This XML file can be used to create a clone of the project (including its data, optionally) on this REDCap server or on another REDCap server (it can be uploaded on the Create New Project page). Because it is in CDISC ODM format, it can also be used to import the project into another ODM-compatible system.

De-identification options (optional)

The options below allow you to limit the amount of sensitive information that you are exporting out of the project. Check all that apply.

Known Identifiers:

- ☐ Remove all tagged identifier fields (tagged in Data Dictionary)
- ☐ Hash the Record ID field (converts record name to an unrecognizable value)

Free-form text:

- ☐ Remove unvalidated Text fields (i.e. Text fields other than dates, numbers, etc.)
- ☐ Remove Notes/Essay box fields

Date and datetime fields:

- ☐ Remove all date and datetime fields
- OR —
- ☐ Shift all dates by value between 0 and 364 days (shifted amount determined by algorithm for each record) [What is date shifting?](#)

[Deselect all options](#)

Advanced data formatting options

Set CSV delimiter character

Set the delimiter used to separate values in the CSV data file (only valid for CSV Raw Data and CSV Labels export formats):

, (comma) - default

Force all numbers into a specified decimal format?

You may choose to force all data values containing a decimal to have a specified decimal character (comma or period/full stop). This will be applied to all calculations and number-validated text values in the export file.

Use fields' native decimal format (default)

NOTE: Your data formatting selections above will be remembered in the future and will be pre-selected upon your next export.

Export Entire Project (metadata & data)

Cancel

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Multi-language Management

- Feature that shows data entry form or survey in multiple languages thus enabling data entry in preferred language
- Does not auto-translate:
 - Provides tools so one can easily translate



[Multi-Language Management \(vanderbilt.edu\)](http://vanderbilt.edu)

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Alerts and Notifications

Alerts & Notifications

The Alerts & Notifications feature allows you to construct alerts and send customized notifications. These notifications may be sent to one or more recipients and can be triggered or scheduled when a form/survey is saved and/or based on conditional logic whenever data is saved or imported. When adding/editing an alert, you will need to 1) set how the alert gets triggered, 2) define when the notification should be sent (including how many times), and 3) specify the recipient, sender, message text, and other settings for the notification. For the message, you may utilize customized options such as rich text, the piping of field variables (including Smart Variables), and uploading multiple file attachments. [Learn more](#)

My Alerts Notification Log

[+ Add New Alert](#) [Re-evaluate Alerts](#) [Upload or download Alerts](#) [Show deactivated alerts](#)

Alert #1: Initial Assessment [Edit](#) [Options](#) Unique Alert ID: A-11786

When the instrument "Demographics [Any Event]" is saved and has a Complete status.

[Send immediately](#)

☒ Send one time (only once per record - i.e., never re-trigger)

Activity: No alerts sent yet

Email Preview


From: [Redacted]
To: [Redacted]
Subject: Support Request Received
Dear Team Member, We have received a new request ...

For both data entry forms and surveys

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Other Functions

- ☐ REDCap Application Programming Interface (API)
- ☐ Twilio SMS & Voice call services for surveys
- ☐ External modules
- ☐ Plus many more



Excellent at juggling multiple job duties

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The slide features a blue background with a white oval in the center. Inside the oval, on the left, is the REDCap logo (a circle of colored dots). To its right is the text "Why choose REDCap?". Below this text is a 3D illustration of a seesaw with a question mark in the center. The word "PROS" is on the left side of the seesaw, and "CONS" is on the right side. In the bottom right corner of the blue background, there is a small logo for the "Perth Children's Hospital Foundation".

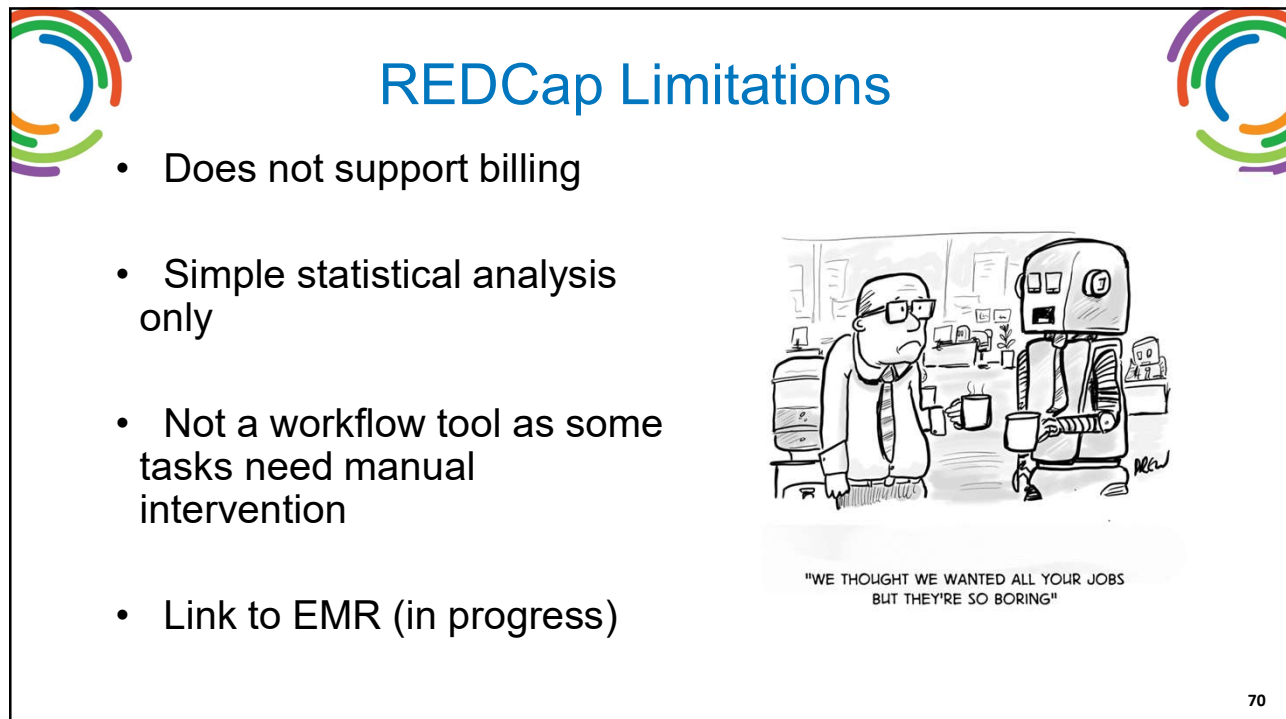
Why choose REDCap?

PROS

CONS

Perth Children's Hospital Foundation

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The slide has a white background with a blue header. On the left and right sides of the header are colorful circular logos. The title "REDCap Limitations" is in the center. Below the title is a bulleted list of limitations. To the right of the list is a cartoon illustration of a man in a suit and glasses talking to a robot. The robot is holding a coffee cup. Below the cartoon is a quote.

REDCap Limitations


- Does not support billing
- Simple statistical analysis only
- Not a workflow tool as some tasks need manual intervention
- Link to EMR (in progress)

"WE THOUGHT WE WANTED ALL YOUR JOBS BUT THEY'RE SO BORING"

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Why choose REDCap?


- ✓ Secure
- ✓ Free
- ✓ User – friendly
- ✓ Online & Offline capabilities
- ✓ Allows Data import & export
- ✓ Multi- site access
- ✓ Continuously improving




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 Questions?

 Comments?



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Upcoming Research Skills Workshops + Seminars

12 May Using Social Media in Research - Dr Kenneth Lee, UWA

19 May Getting the most out of Research Supervision
- A/Prof Sunalene Devadason

26 May Research Impact
- Dr Tamika Heiden, Research Impact Academy, Vic

We love feedback

A survey is included in the back of your handout, or complete online

<https://tinyurl.com/surveyUsingREDCap>

✉ ResearchEducationProgram@health.wa.gov.au 🌐 cahs.health.wa.gov.au/ResearchEducationProgram

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[Child and Adolescent Health Service](#) [Department of Research](#)
[Department of Health, Government of Western Australia](#)

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🌐 cahs.health.wa.gov.au/ResearchEducationProgram

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Using REDCap for Data Capture and Management

RESOURCE NOTES





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1. About REDCap and WA Department of Health

- REDCap is a secure, web-based tool for data collection and management. It was initially developed in 2004 at Vanderbilt University in the United States for clinical research purposes.
- The REDCap Consortium, also founded by Vanderbilt, is a collaborative network of more than 6,500 institutions from over 153 countries that freely contribute to ongoing development of the software.
- REDCap is free to use by non-profit or governmental institutions.
- REDCap is used worldwide by over 1.6 million users, particularly in the academic research community and informatics teams.
- [FAQ – REDCap \(projectredcap.org\)](https://projectredcap.org)
- In Western Australia, REDCap is currently used by the University of Western Australia (UWA), Curtin University, Telethon Kids Institute and Western Australian Health Translation Network (WAHTN).
- Additionally, REDCap is currently used by WA Health employees on independent internal (behind firewall) instances within the South Metropolitan Health Service (SMHS) and North Metropolitan Health Service (NMHS).

Key features

- Simple, powerful interface for building surveys, forms and databases
- Free to use by all WA Health employees
- Secure and web-based – integrated into WA Health Active Directory with two-factor authentication
- Only requires internet access – users do not need to download software
- Has offline capabilities
- Project owner control of user permissions
- Easy to send surveys/forms and track responses
- Full Audit trails of data access, entry and revision
- Advanced features such as calculated fields, branching logic, file uploading and data piping
- API (Application Programming Interface) – automated integration into applications such as PowerBI
- Export data into analysis packages e.g., Microsoft Excel, R, SAS, STATA and SPSS
- Ad hoc reporting tools
- Download forms and surveys as PDFs
- Free and established online training resources.

Advantages for WA Health

Deployment of REDCap across WA Health will directly enhance outcomes for patients and the whole system, improving the:

- quality and compliance of data collections
- processes and procedures in Safety and Quality initiatives
- quality and compliance of research projects



- streamlining and digitisation of paper-based processes
- collaboration and sharing of data
- automated capture of Patient Reported Outcome Measures (PROMs).

Some other benefits include:

- compliance with the [Information Management Policy Framework](#)
- delivers on [Sustainable Health Review](#) recommendations surrounding investment in digital healthcare, using data wisely and innovation for sustainability
- alignment with the [2020-2030 WA Health Digital Strategy](#).

2. Support for the WA Health instance of REDCap

The Department of Health WA also provide access for researchers and clinicians to their own instance of REDCap.

To set up an account or to find out more visit the [Department of Health Support Page for REDCap](#).

The support page includes links to other documents such as a “How To” guide and “Project Migration” guide.

Enquiries

For general enquiries please email DataLibrary@health.wa.gov.au

Useful links

- [About REDCap](#)
- [Login to REDCap](#)
- [Register for REDCap](#)

Resources

- [REDCap How-to guide \(1Mb pdf\)](#)
- [REDCap FAQs \(284kb pdf\)](#)
- [REDCap project migration guide \(321kb pdf\)](#)

Other training outside of CAHS

When you login to REDCap, there are Help and FAQ and Training Videos tabs at the top of the screen. Help & Information is also available on the bottom left of the screen when you enter projects.

Vanderbilt has developed a free online training course on clinical data management though [Coursera](#). REDCap is used for the applied parts of the course.



Having such a large global user-base, there are range of REDCap resources available online. Many institutions have prepared user guides that provide step-by-step instruction for the most commonly used features of REDCap.

3. Support for the Telethon Kids Institute instance of REDCap

REDCap is a self-use system and email-support is not available for users of the TKI instance, unless your query relates to either:

1. an account/permission related issue
2. a request to engage in consultation

Online resources

There are substantial resources online to help researchers troubleshoot issues and/or upskill in REDCap.

These include:

- a number of video tutorials within the application to provide additional insight into its functionality (located on the top menu bar of the REDCap home page or on the left hand menu under 'Help and Information'); and
- the REDCap Help & FAQ page (Under 'Help and Information' at the bottom of the left hand menu).

Data management support

Limited Data Management support is available to researchers through the Telethon Clinical Research Centre (TCRC) who facilitate limited short (30 or 60 minutes) bookable consultations, Monday and Wednesday mornings (9-12pm), where you can discuss your study design and set-up in REDCap with an experienced Data Manager.

In order to access this, please register your study with the TCRC via the [enquiry form](#) (if you have not already done so) then you can [book a consultation](#).

Further information can be found on the home page of the Telethon Kids Instance of REDCap.



4. REDCap Workshops at PCH

The Research Education Program (REP) in collaboration with the Telethon Kids Institute (TKI) present a finite number of workshops throughout the year to walk participants through the basic functionalities and provide initial support for project set-up and maintenance.

For a detailed schedule, visit the [CAHS REDCap page on Healthpoint](#) (WA Health staff only).

2023 Schedule

Topic	Day	Date	Registration link
Workshop 5 Intermediate Walkthrough	Tuesday	6 June 2023	Register
Workshop 6 Creating Surveys	Tuesday	27 June 2023	Register
Workshop 7 Basic Walkthrough	Tuesday	1 August 2023	Register

Registrations open one month before workshop date. For more information follow our [Eventbrite page](#) or register for [our mailing list](#).

Who can attend?

Only staff working within the Perth Children's Hospital campus are able to access these workshops as the Telethon Kids Instance is used to provide the training. Participants must be from either Telethon Kids Institute or Perth Children's Hospital.

Recorded training - open access

Our [Basic Walkthrough](#) and [Intermediate Walkthrough](#) workshops from 2022 and [Creating Surveys](#) workshop from 2023 have been recorded and are available to follow-along at your own pace. Support material is also available to download from these links once a short access form is completed.

5. Training Videos

REDCap Mobile App

[REDCAP MOBILE DEVICE APPLICATIONS – REDCap \(projectredcap.org\)](#)

Multilanguage management

[Multi-Language Management \(vanderbilt.edu\)](#)



CAHS Research Education Program

Research Skills Seminar Series 2023

A free, open-access resource designed to upskill busy clinical staff and students and improve research quality and impact

Using Social Media in Research

12th May 2023

12.30-1.30pm

As a researcher, it is difficult to reach the public and broadcast your work. Building and maintaining your “brand” will help set you apart.

This seminar provides the tools to connect with other researchers, build your network, and in the long run, effectively translate your research to a wider audience.

Perth Children's Hospital Auditorium

Level 5, 15 Hospital Ave Nedlands Accessible
via pink or yellow lifts

- OR -

Access online via Teams or Avaya

- OR -

Watch live
from a hosted video-conferencing site

- Bunbury Hospital
- Fiona Stanley Hospital
- Lions Eye Institute
- Royal Perth Hospital



Meet the presenter



Dr Kenneth Lee
Senior Lecturer – Pharmacy Practice, UWA

As a clinician, Dr Lee works in a large medical centre as the in-house pharmacist, as well as in private consultancy, where he primarily delivers comprehensive medication management review services to domiciliary patients.

Dr Lee is passionate about integrating practice, research, and teaching.



Register via Eventbrite

View recorded seminars online

Subscribe to our mailing list



CAHS Research Education Program

Research Skills Seminar Series 2023

A free, open-access resource designed to upskill busy clinical staff and students and improve research quality and impact

Getting the most out of Research Supervision

19th May 2023 12.30-1.30pm

This seminar covers the importance of understanding the rights and responsibilities of both supervisors and supervisees doing research, whether for a formal degree or a small project, and how to get the best out of both roles. It also provides practical tips related to the selection of suitable research projects, supervision frequency and time allocation, different supervision styles, remote supervision and working with multiple supervisors.

Perth Children's Hospital Auditorium

Level 5, 15 Hospital Ave Nedlands
Accessible via pink or yellow lifts

- OR -

Access online via Teams or Avaya

- OR -

Watch live
from a hosted video-conferencing site

- Bunbury Hospital
- Fiona Stanley Hospital
- Lions Eye Institute
- Royal Perth Hospital



Meet the presenter



A/Prof Sunalene Devadason
Senior researcher at PCH,
Graduate Research Coordinator,
UWA Medical School,
Division of Paediatrics.

Sunalene has extensive experience on both sides of research governance process as a reviewer and a researcher.



Register via Eventbrite

View recorded seminars online

Subscribe to our mailing list



CAHS Research Education Program

Research Skills Seminar Series

A free, open-access resource designed to upskill busy clinical staff and students and improve research quality and impact.

2023 Seminar Schedule

Interactive in pdf format
Last updated 27/4/23

	DATE	TOPIC	PRESENTER	ENROL	WATCH
1	3 Mar	Research Fundamentals	Dr Kenneth Lee, UWA	-	2023
2	17 Mar	Introductory Biostatistics	Michael Dymock, TKI	-	2023
3	28 Apr	Scientific Writing	A/Prof Tony Kemp, UWA	-	2023
4	5 May	REDCap for Data Capture and Management	Dr Jane Mugure Githae, CAHS	REGISTER	2021
5	12 May	Using Social Media in Research	Dr Kenneth Lee, UWA	REGISTER	2022
6	19 May	Getting the Most out of Research Supervision	A/Prof Sunalene Devadason, UWA/CAHS	REGISTER	2022
7	26 May	Research Impact	Dr Tamika Heiden, Vic	REGISTER	2022
8	2 Jun	Survey Design & Techniques	Dr Jane Mugure Githae, CAHS	REGISTER	2021
9	9 Jun	Conducting Systematic Reviews	Prof Sonya Girdler, Curtin Uni	REGISTER	2022
10	16 Jun	Consumer & Community Involvement in Research	Belinda Frank, TKI	REGISTER	2022
11	23 Jun	Project Management	Melanie Wright, SMHS	REGISTER	2022
12	30 Jun	Sample Size Calculations	Michael Dymock, TKI	REGISTER	2022
13	21 Jul	Introduction to Good Clinical Practice	tbc	REGISTER	2021
14	28 Jul	Data Collection and Management	DoH Data Library, tbc	REGISTER	2022
15	4 Aug	Rapid Critical Appraisal of Scientific Literature	Dr Natalie Strobel, ECU	REGISTER	2022
16	18 Aug	Media and Communications in Research	tbc	REGISTER	2022
17	25 Aug	Oral Presentation of Research Results	Dr Jane Mugure Githae, CAHS	REGISTER	2022
18	1 Sep	Involving Aboriginal Communities in Research	Cheryl Bridge, Mara West and Mel Robinson – TKI and CAHS	REGISTER	2022
19	8 Sep	Knowledge Translation	A/Prof Fenella Gill, Curtin Uni/CAHS	REGISTER	2021
20	20 Oct	Grant Applications and Finding Funding	Dr Tegan McNab, TKI	REGISTER	2022
21	27 Oct	Statistical Tips for Interpreting Scientific Claims	Michael Dymock, TKI	REGISTER	2022
22	03 Nov	Research Governance	tbc	REGISTER	2022
23	17 Nov	Ethics Processes for Clinical Research in WA	tbc	REGISTER	2020
24	24 Nov	Qualitative Research Methods	Dr Shirley McGough, Curtin Uni	REGISTER	2022
25	1 Dec	Innovation and Commercialisation	Dr Helga Mikkelsen, Brandon BioCatalyst + Ashley Schoof	REGISTER	2022

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Seminars are held from 12:30-1:30pm at Perth Children's Hospital Auditorium and are broadcast live online through Teams and Avaya.

Seminars are recorded and uploaded to our website within a week of presentation. Topics are subject to change with appropriate email notice provided. Handouts are revised and updated regularly. A light lunch is provided for attendees at our PCH auditorium. Attendance certificates are available on request.



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Using REDCap for Data Capture and Management

Thank you for your interest in this seminar

Please complete this 1-minute evaluation.

Your feedback will help guide future presentations and educational activities.

How did you attend the seminar?

- ☐ Live seminar at Perth Children's Hospital
- ☐ Hosted video-conference on-site (e.g. FSH, Lions Eye, RPH etc.)
- ☐ Online via Avaya or Teams
- ☐ Viewed online recording

Please rate your agreement with the following statements:

	N/A	Strongly Disagree	Disagree	Neither	Agree	Strongly Agree
The aims and objectives were clear	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The session was well structured	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation style retained my interest	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The speaker communicated clearly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The material extended my knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The additional resources were helpful	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What were the best aspects of the seminar?

What changes or improvements would you suggest?

How did you hear about the seminar?

(you can select multiple answer)

- ☐ Email invitation from Research Education Program
- ☐ CAHS Newsletters e.g. The Headlines, The View, CAHS Research Newsletter
- ☐ "Health Happenings" E-News
- ☐ Healthpoint Intranet Upcoming Events
- ☐ Collegiate lounge screen or other posted promotional material
- ☐ Telethon Kids Institute screen or other posted promotional material
- ☐ Telethon Kids Institute Newsletter
- ☐ Other

Thank you!



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