Government of **Western Australia**
Child and Adolescent Health Service

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

© 2023 CAHS Research Education Program

Child and Adolescent Health Service, Department of Research

Department of Health, Government of Western Australia

Copyright to this material produced by the CAHS Research Education Program, Department of Research, Child and Adolescent Health Service, Western Australia, under the provisions of the Copyright Act 1968 (C'wth Australia). Apart from any fair dealing for personal, academic, research or non-commercial use, no part may be reproduced without written permission. The Department of Research is under no obligation to grant this permission. Please acknowledge the CAHS Research Education Program, Department of Research, Child and Adolescent Health Service when reproducing or quoting material from this source.

Government of **Western Australia**
Child and Adolescent Health Service

Using REDCap for Data Capture and Management

PRESENTATION SLIDES

CAHS Research Education Program Research Skills Seminar Series
✉ ResearchEducationProgram@health.wa.gov.au
cahs.health.wa.gov.au/ResearchEducationProgram

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 May2023*

Dr Jane Mugure Githae
Research Education Program - Research Fellow

Perth Children's Hospital Foundation

1

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.

2

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

3

- ❑ Guidelines on Data Collection & Management
- ❑ REDCap features and capabilities

PS

- ❑ Not a live Demo

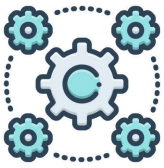
4

4

Foundation

5

Data should be FAIR



FINDABLE ACCESIBLE INTEROPERABLE REUSABLE

https://www.nature.com/articles/sdata201618

https://ardc.edu.au/resources/aboutdata/fair-data/

6

6

Data Management

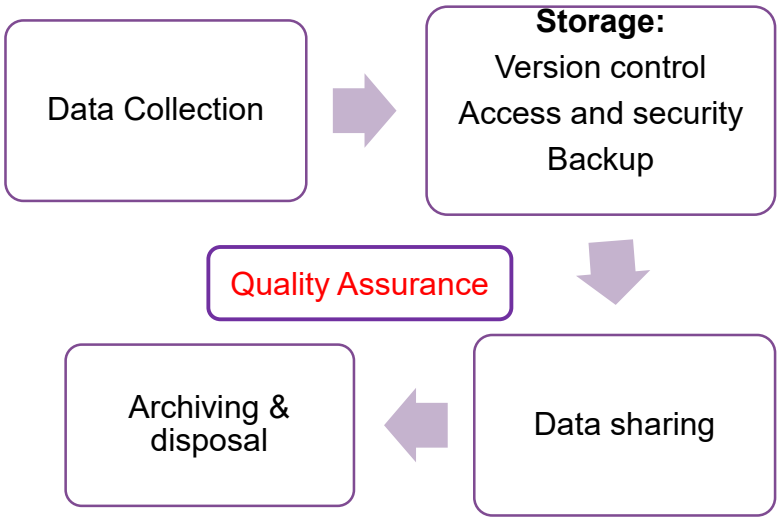
Organization & documentation of data within the processes of a research project

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

7

7

Data Management



8

8

Guideline

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

Management of Data and Information in Research NHMRC

9

9

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

10

10

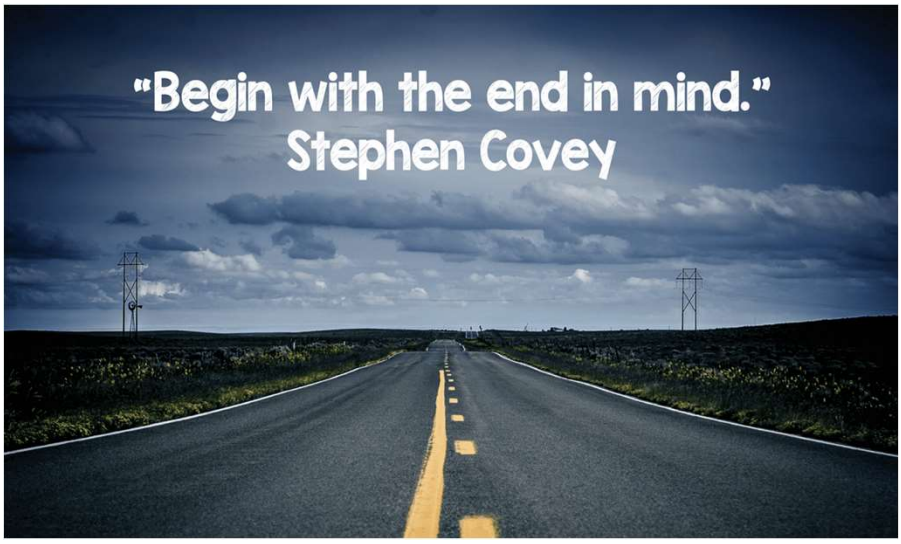
Researcher responsibilities

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

Management of Data and Information in Research NHMRC

11

11



The 7 Habits of Highly Effective People

12

12

Data Collection

Consider:

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

13

13

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

14

14

"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

15

15

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

REDCap
Research Electronic Data Capture

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

16

16

REDCap Access

17

Organization-Based URL Access

18

18

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:

Log In Forgot your password?

2- step verification off - campus

19

19

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.

Add new user + Add with custom rights

— OR —

Assign new user to role Assign to role

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

Enter new role name + Create role

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

Show 1 suspended users

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

20

20

Data Access Groups: Record - Specific

Project Home | Project Setup | User Rights | Data Access Groups

VIDEO: How to use Data Access Groups

Access to certain project records may be limited by using Data Access Groups (DAGs), in which only users within a given Data Access Group can access records created by users within that group. This may be useful in the case of a multi-site or multi-group project that requires that groups not be able to access another group's data. Once you have created DAGs, if you would like your users to be in multiple DAGs, you may use the optional DAG Switcher feature to allow users to move themselves in and out of specific DAGs on their own. Additional instructions

Upload or download DAGs/User-DAG assignments

+ Create new groups: Add new data access groups to which users may be assigned.

Enter new group name | + Add Group

Assign user to a group: Users may be assigned to any data access group. To assign users to multiple groups, use the DAG Switcher at the bottom.

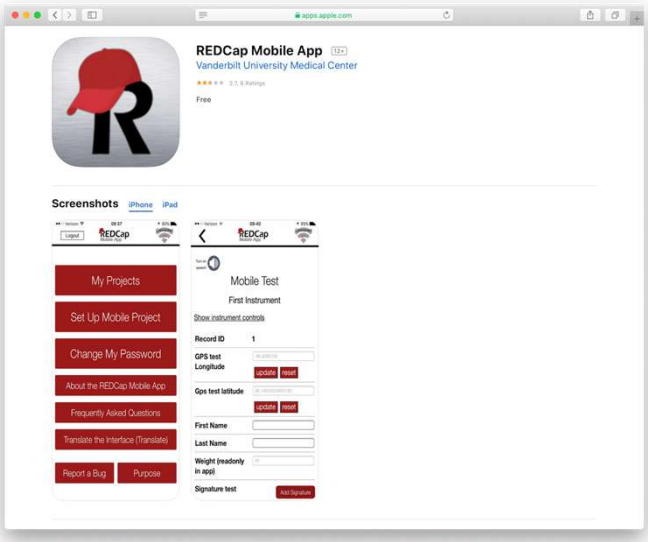
Assign user -- Select User -- to [No Assignment] Assign

Data Access Groups	Users in group	Number of records in group	Unique group name (auto-generated)	Group ID number	Delete group?
PCH	he1[redacted])	0	pch	1924	✖
[Not assigned to a group]	he1[redacted] he6[redacted]) * Can view ALL records	6			

21

21

REDCap Mobile App: Offline Data Entry



REDCAP MOBILE DEVICE APPLICATIONS – REDCap (projectredcap.org)

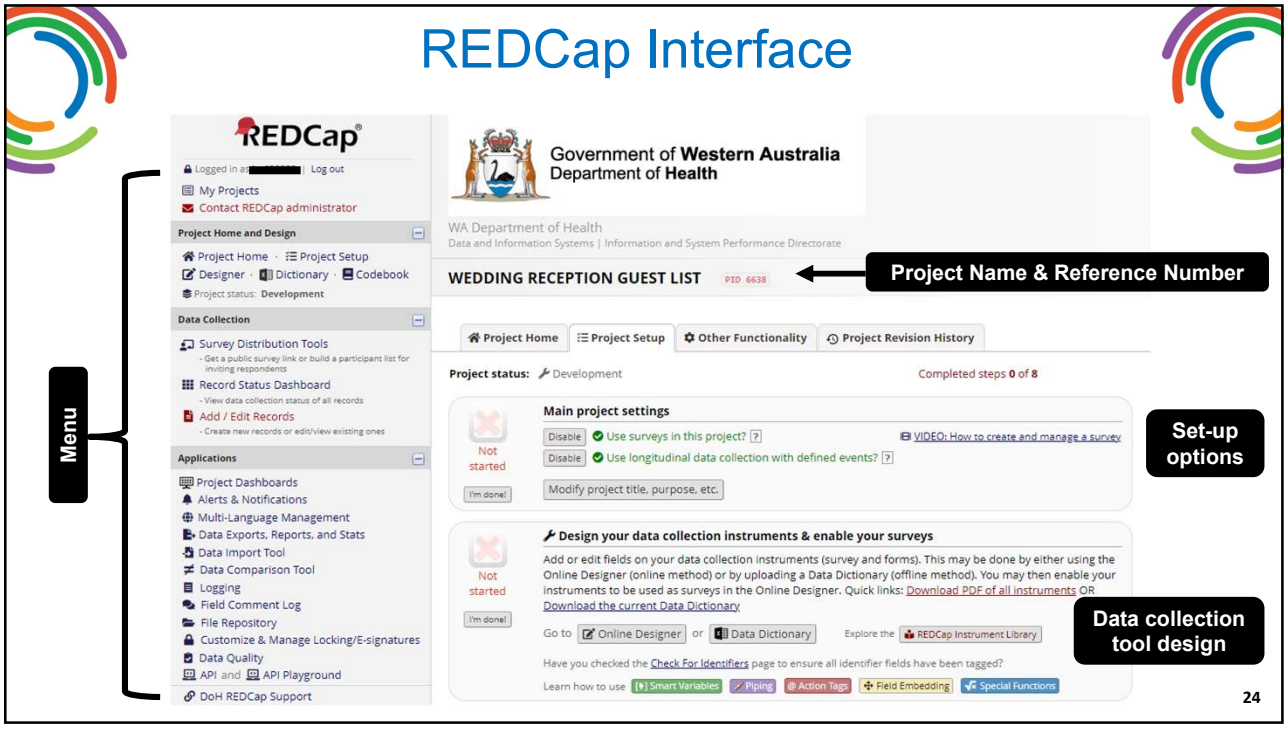
22

22

REDCap Navigation

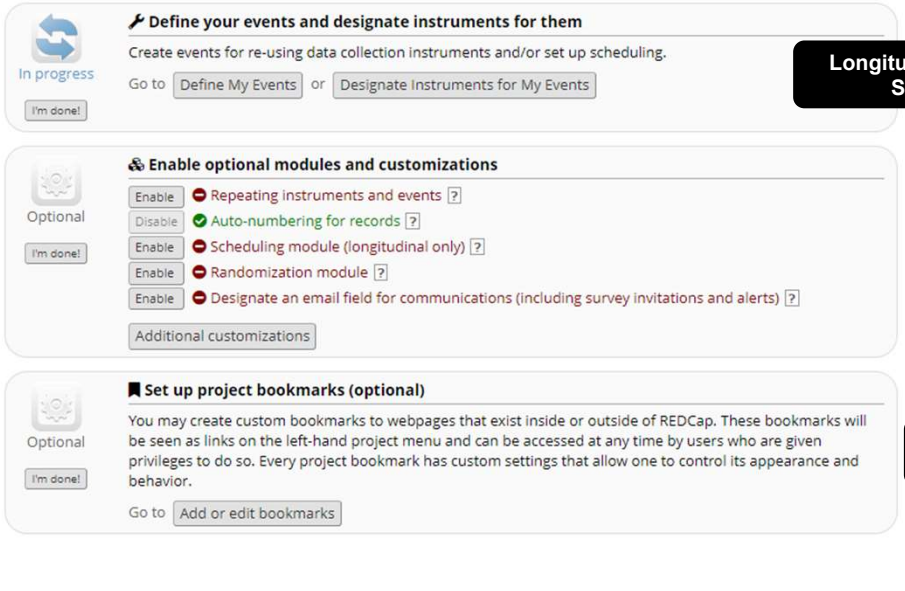
23

REDCap Interface



24

REDCap Interface (2)



Longitudinal study Set-up

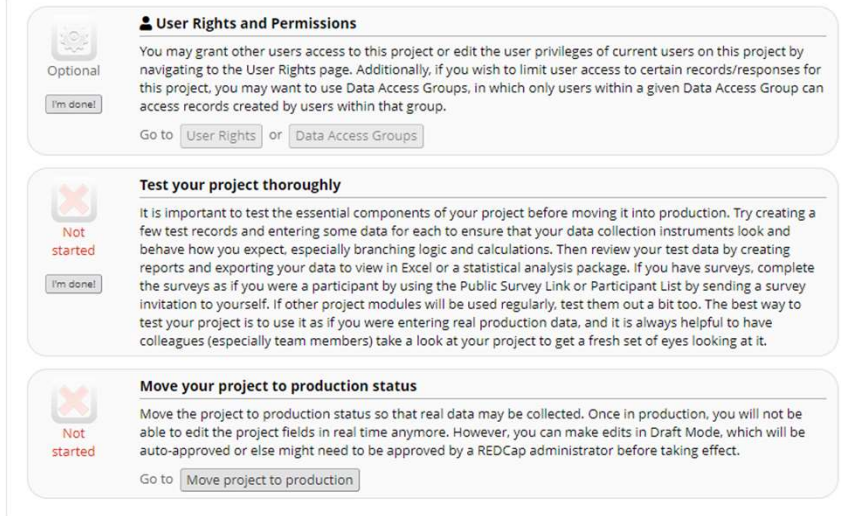
Customization options

Bookmarks to webpages

25

25

REDCap Interface (3)



Access options

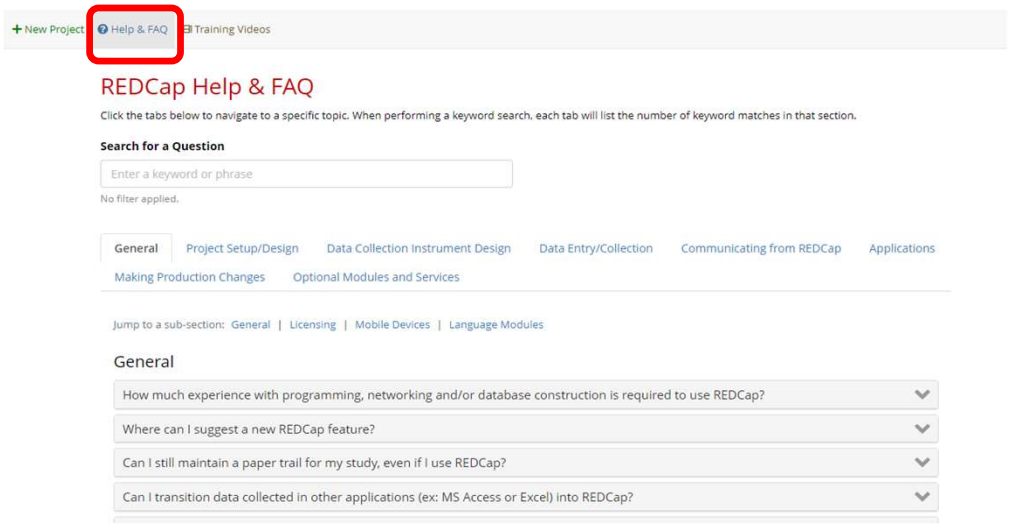
Testing Reminder

Final step before commencing data collection

26

26

Help Manuals

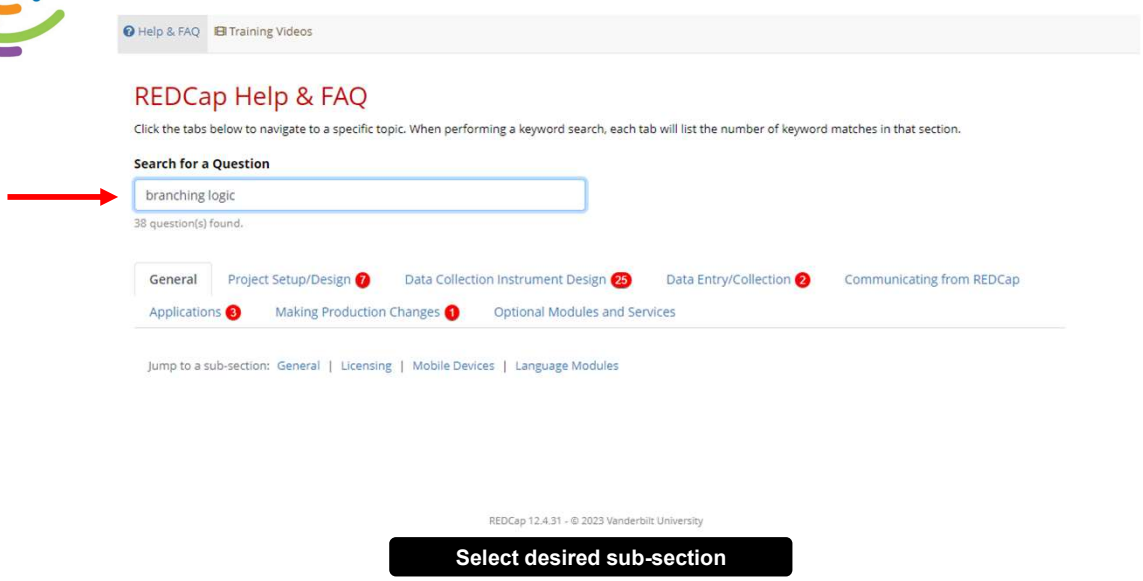


Allows user to get answers to specific questions

27

27

Getting Help On REDCap



Select desired sub-section

28

28

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

29

29

REDCap for Data Collection

Perth Children's Hospital Foundation

30

REDCap for Data Collection

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

31

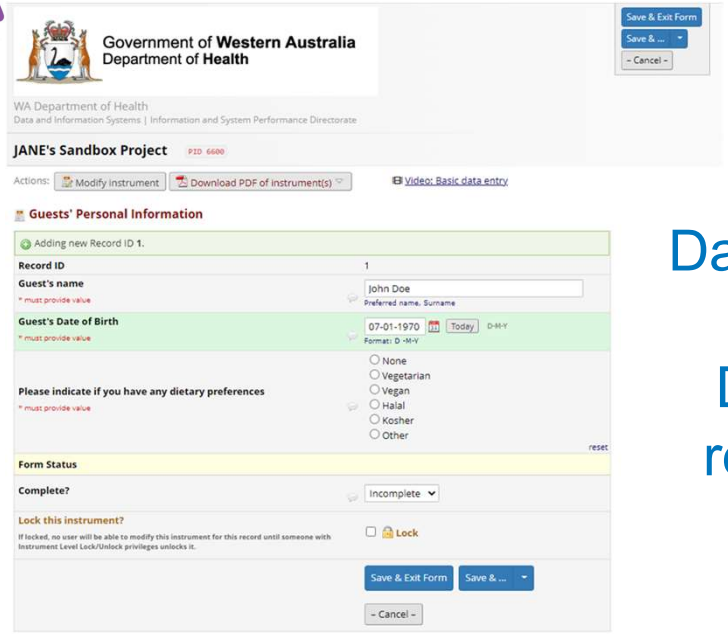
31

Project Setup

Data Collection Tool	Data Collection Format
• Data Entry Form • Survey • Both	• Classic study • Longitudinal study

32

32

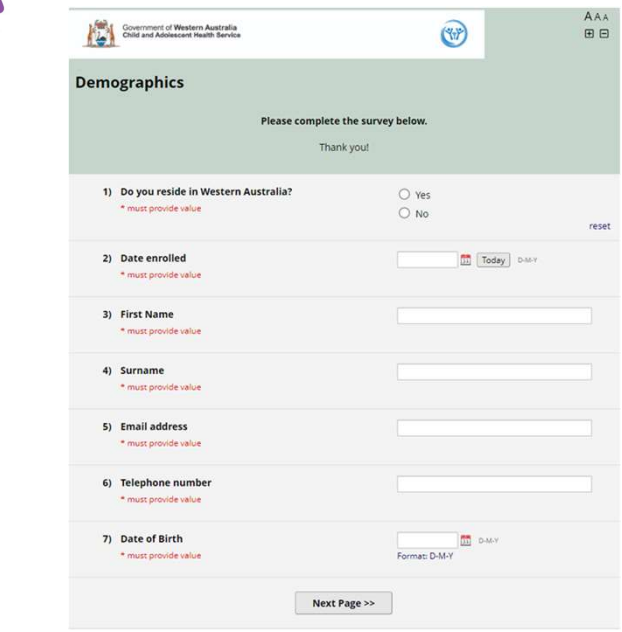


Data Entry Form:

Data entry by research team

33

33



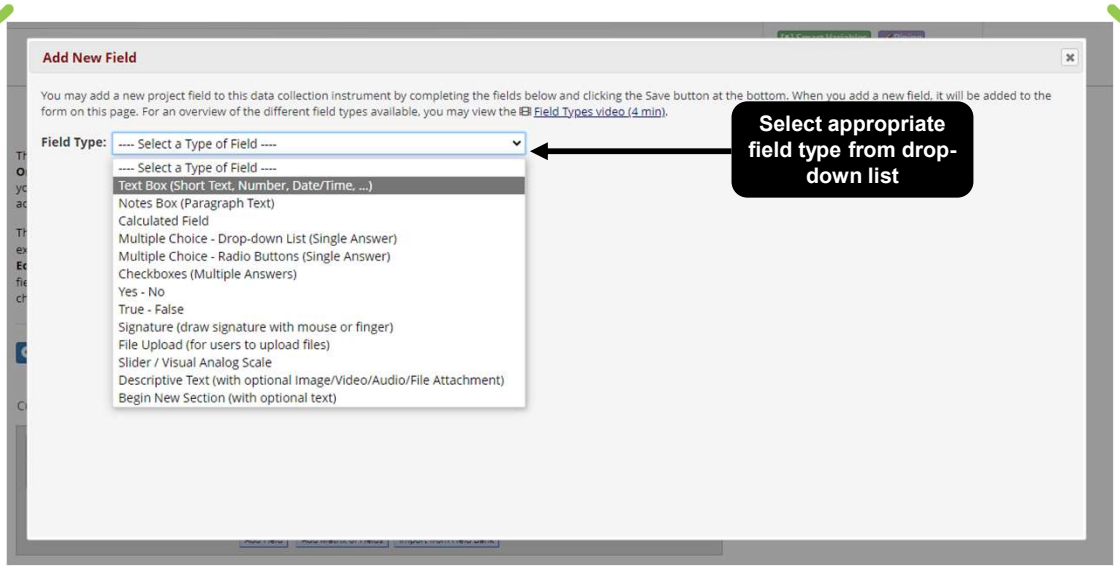
Survey:

Data entry by participant

34

34

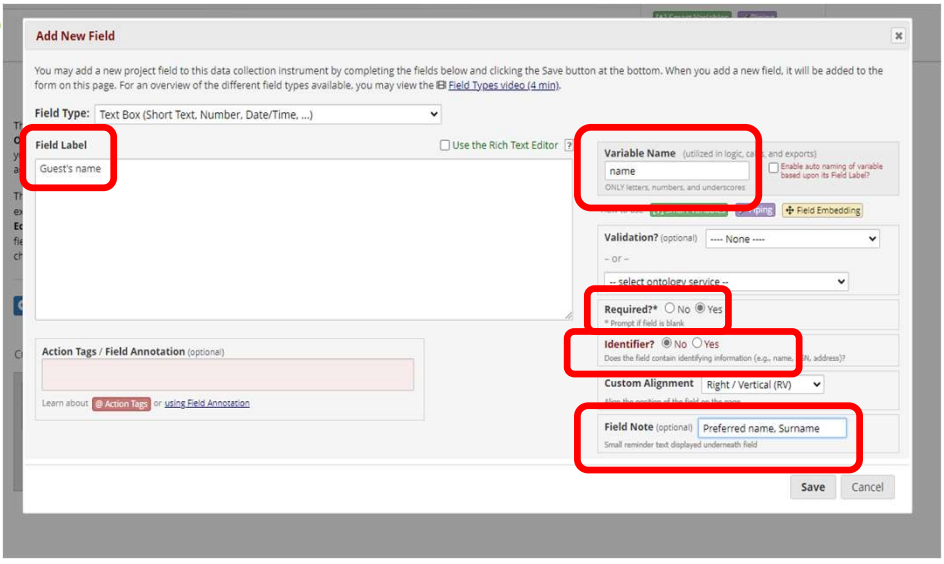
Data Variables: REDCap Field Types



35

35

Designing a Data Collection Field



Field Label: Actual question

Variable Name: REDCap 'code' name

Required field: Prompts user to enter value

Identifier: Research Ethics

Field note: Explanation to user

36

36

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	☐	☐	☐	☐	☐	☐	☐
Weight training	☐	☐	☐	☐	☐	☐	☐
Drinking alcoholic beverages	☐	☐	☐	☐	☐	☐	☐
Cigarette smoking	☐	☐	☐	☐	☐	☐	☐

37

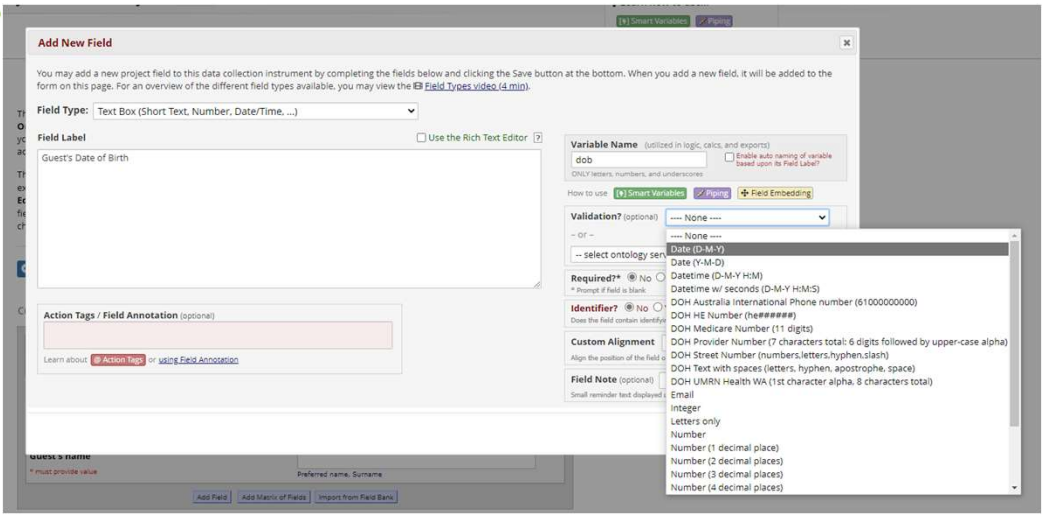
37

REDCap Design Capabilities

Perth Children's Hospital Foundation

38

Data Validation during Data Entry

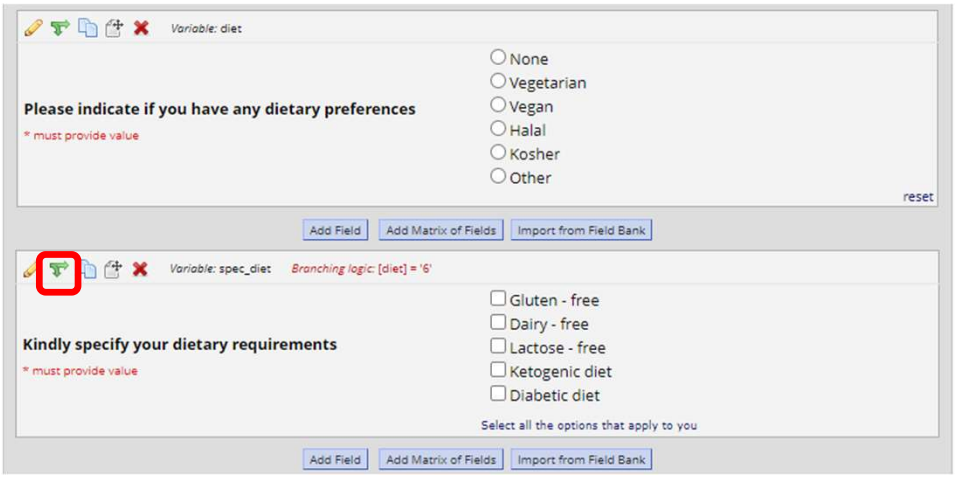


Select desired format from drop-down list

39

39

Applying Branching Logic



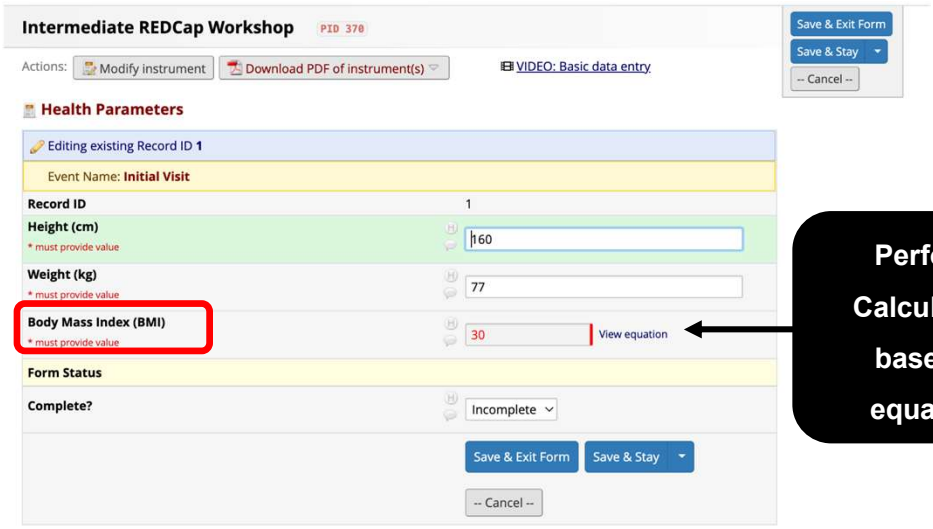
Conditionally shows and hides fields based on the selection of a response:

- **Link specific dietary responses to 'Other' option**

40

40

Data Collection: Calculated Fields

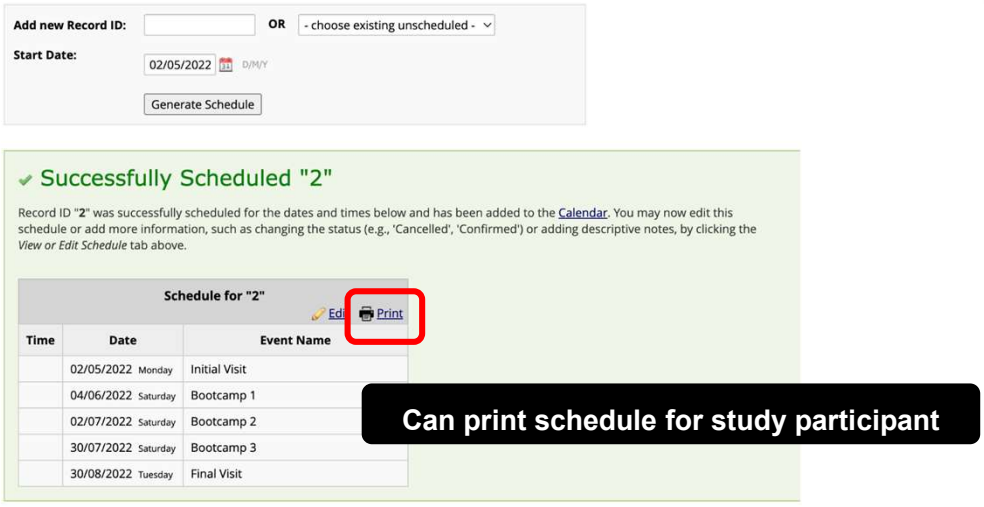


Performs Calculations based on equations

41

41

Create Individual Schedule for Longitudinal Study Participant

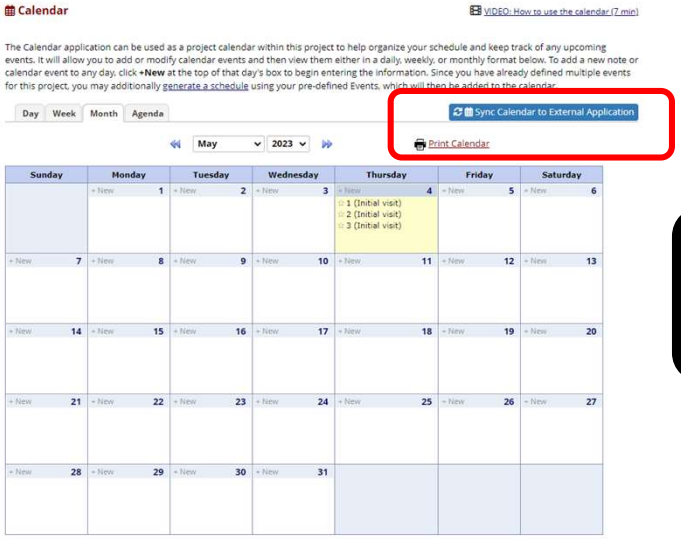


Can print schedule for study participant

42

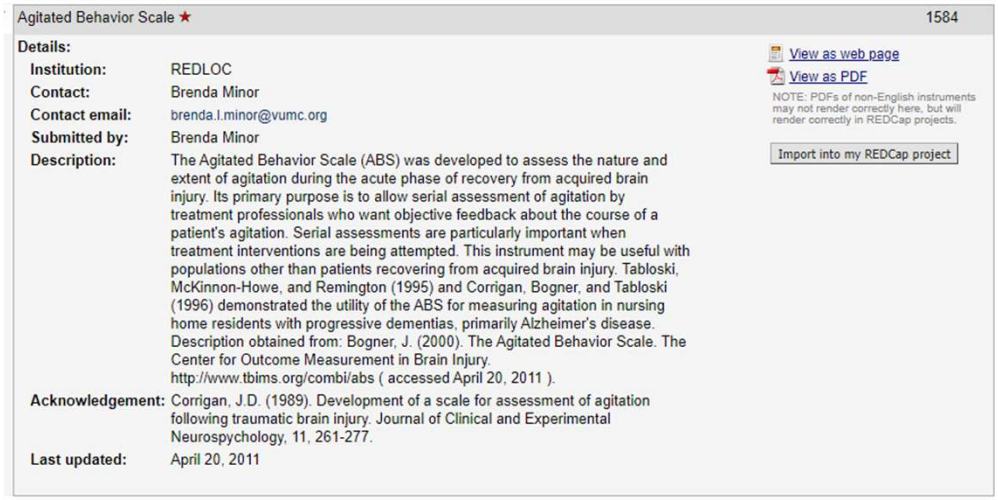
42

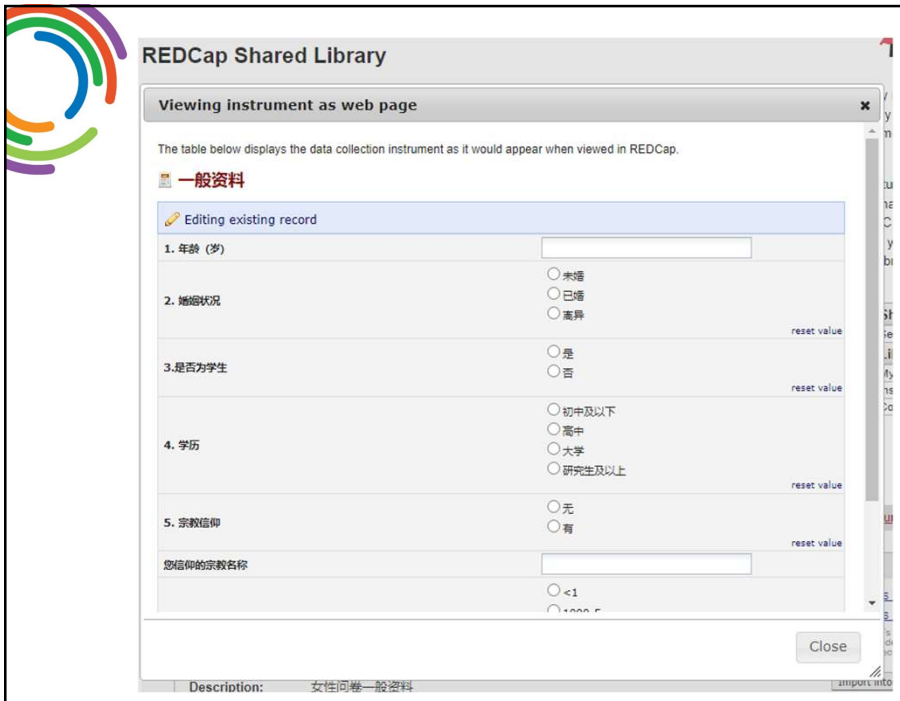
Create a Calendar for Study Team in Longitudinal Study



To view each day's scheduled activities & participants

REDCap shared library: Access to validated instruments





REDCap shared library:

Access some common Instruments in different languages

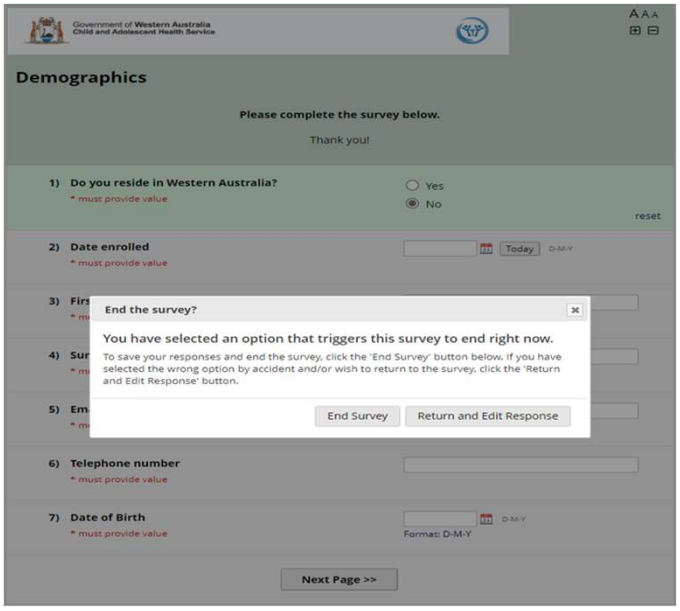
45

45

REDCap Surveys

46

Survey Stop Feature

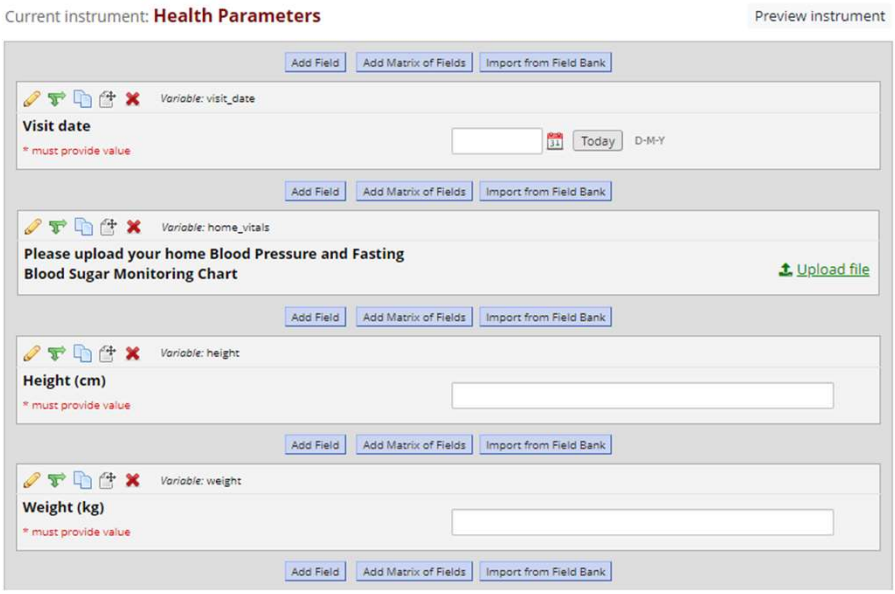


STOP survey if inclusion criteria not met

47

47

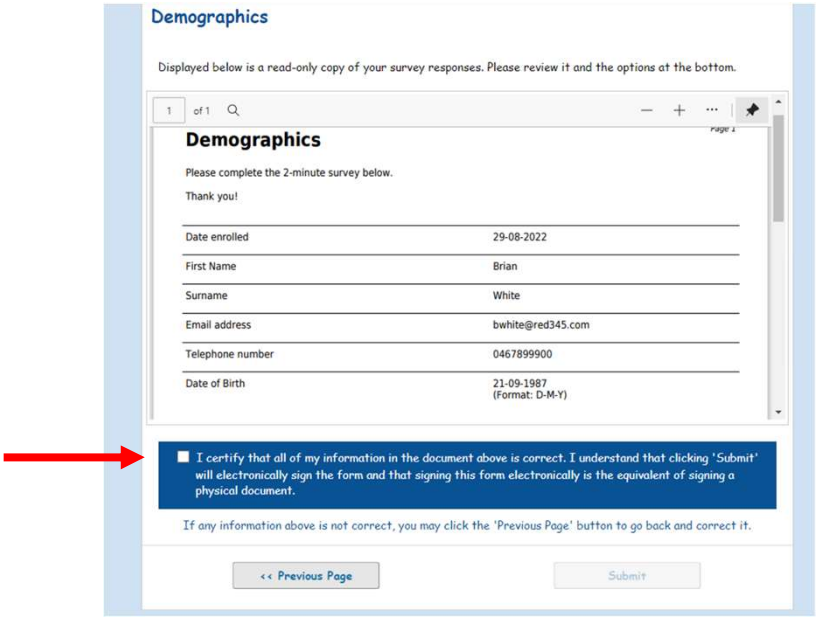
File Upload Feature for Surveys



48

48

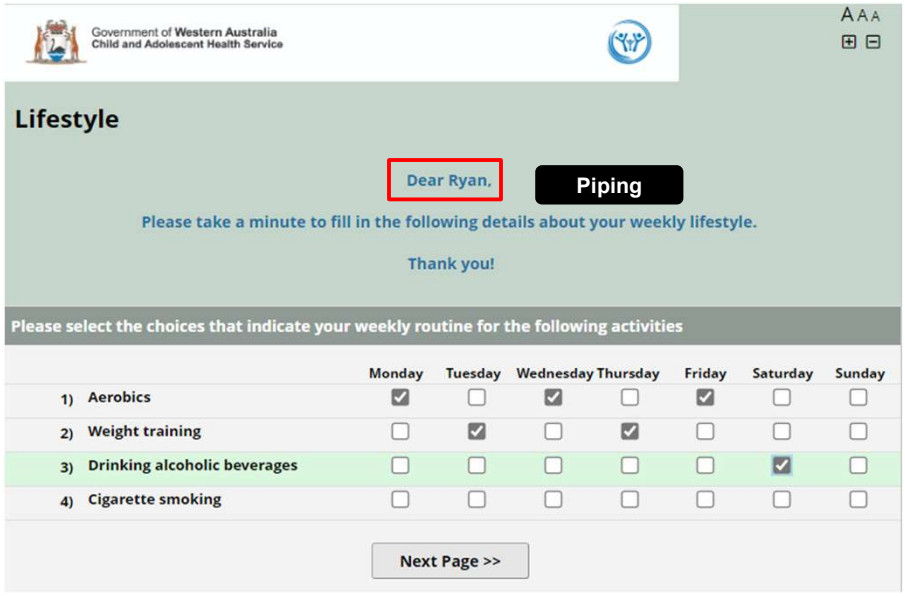
e-Consent REDCap Survey



49

49

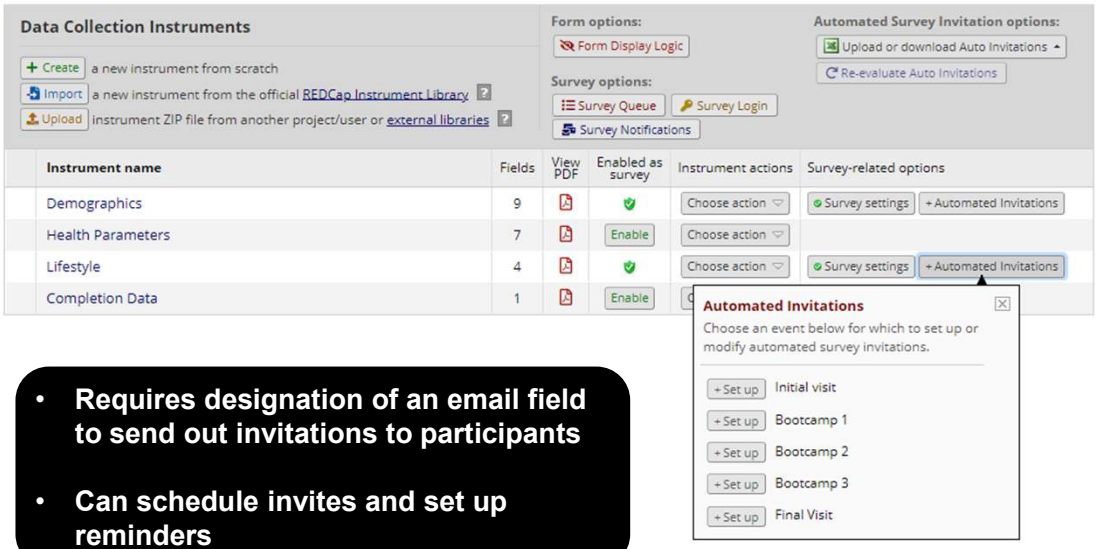
Customising Survey Instructions & Design



50

50

Automated Survey Invitations

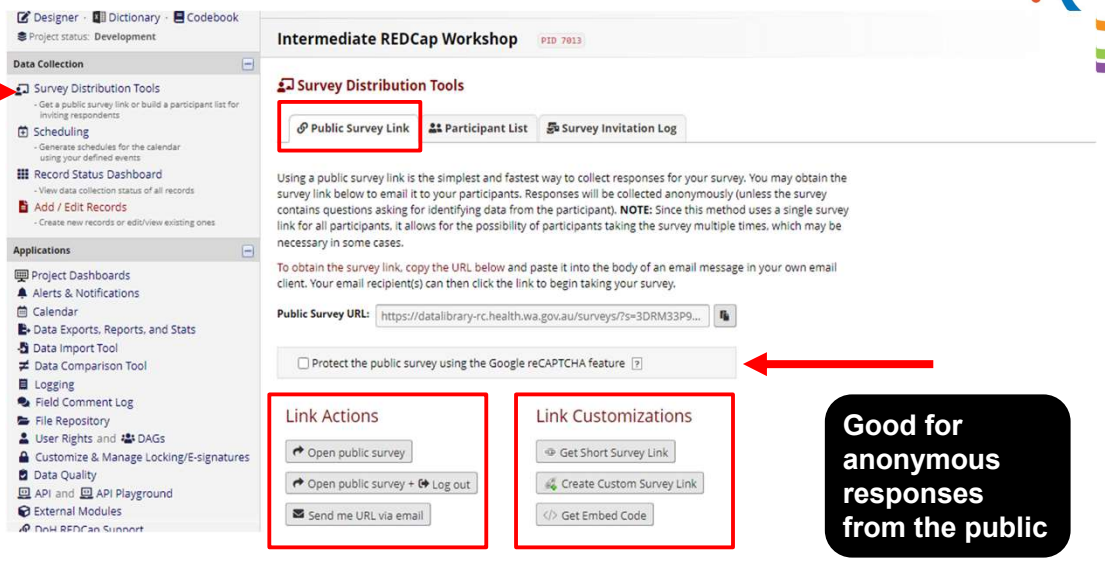


- **Requires designation of an email field to send out invitations to participants**
- **Can schedule invites and set up reminders**

51

51

Public Survey Distribution

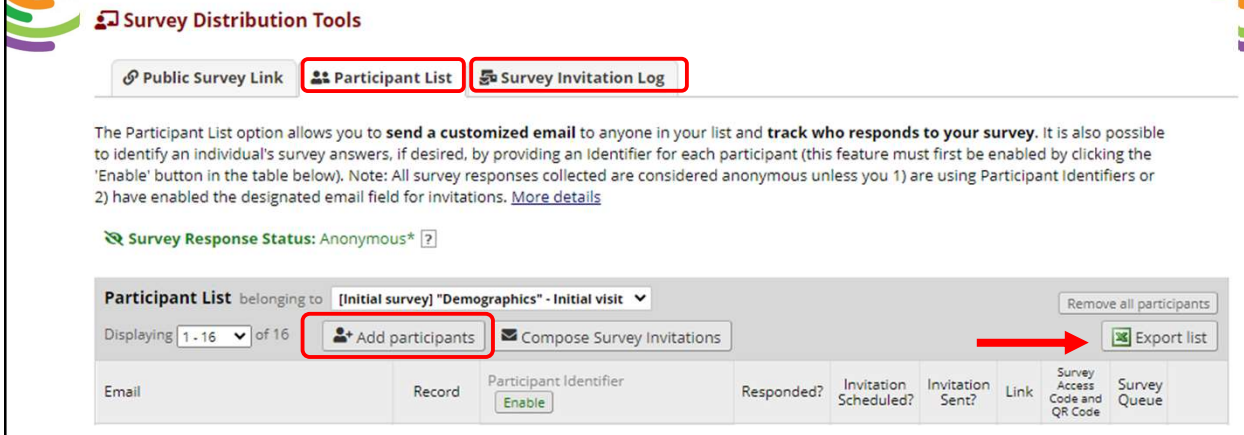


Good for anonymous responses from the public

52

52

Survey Distribution: Participant List

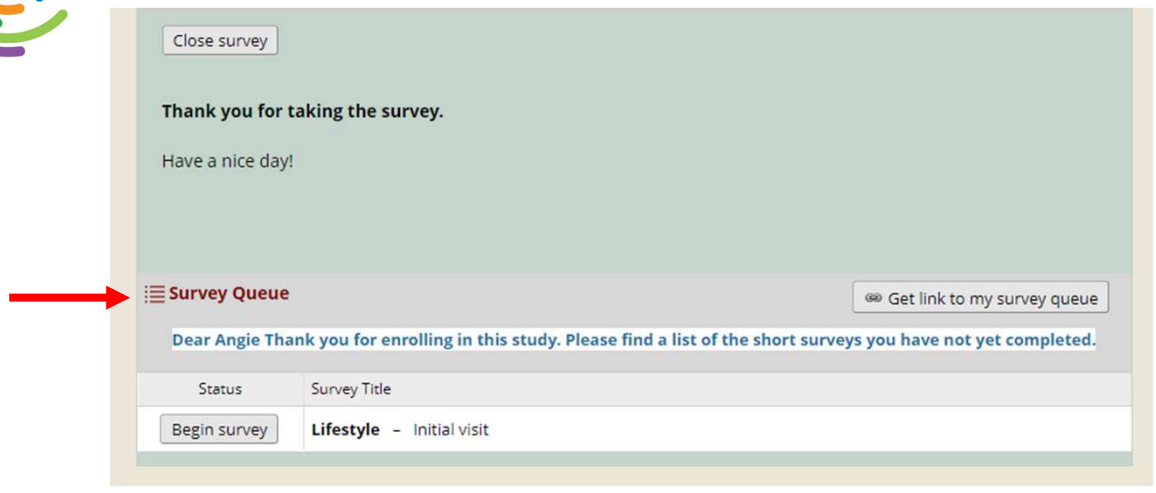


- Can export email addresses from spreadsheet
- Can customise email invite & track responses

53

53

Survey Queue Feature



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

54

54

REDCap for Data Export and Visualization

Perth Children's Hospital Foundation

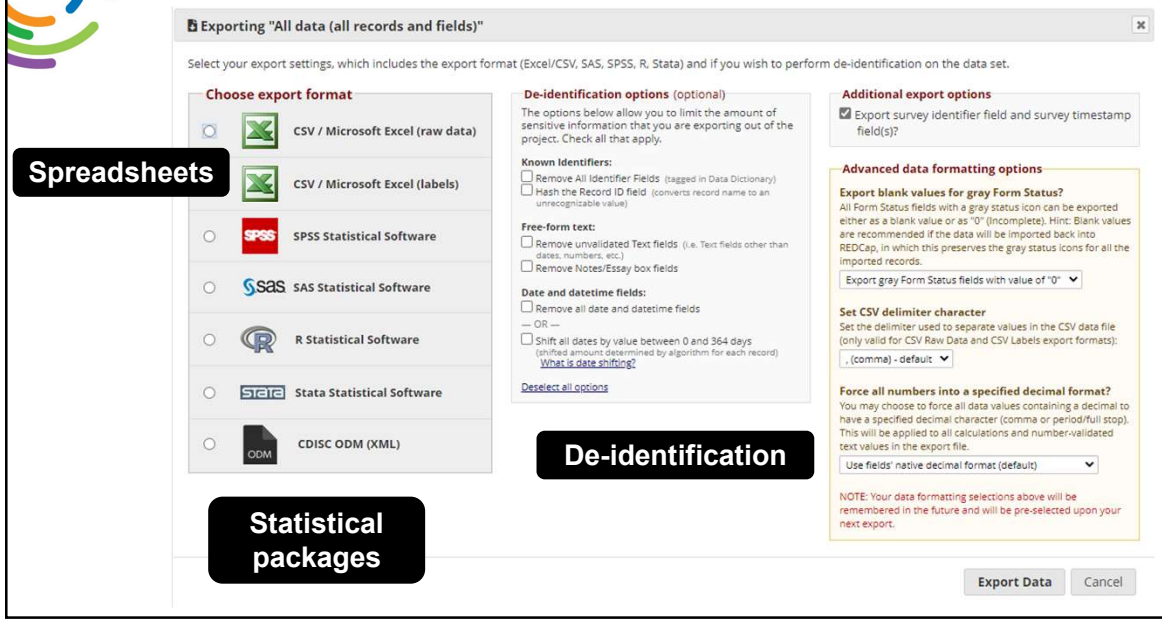
55

Data Export Options

Spreadsheets

Statistical packages

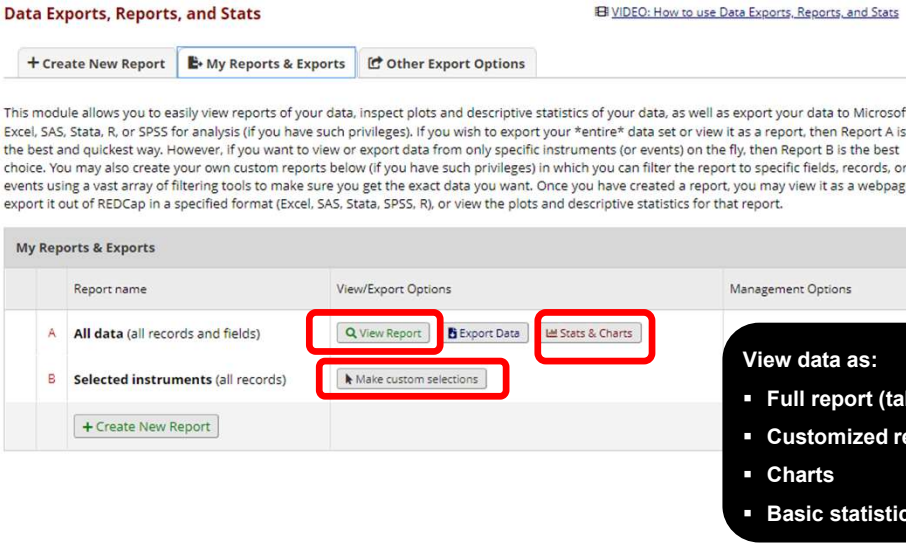
De-identification



56

56

Data Visualization



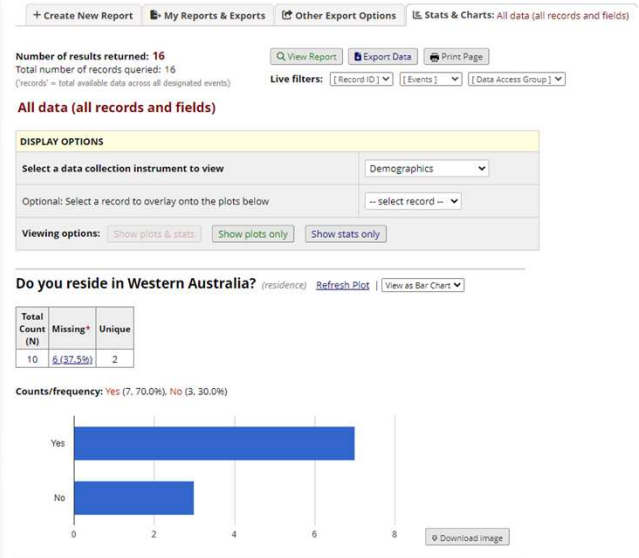
View data as:

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

57

57

Simple Charts and Stats



58

58

REDCap for Data Management

59

Project Stages

Project Status Management

Development (current) → Production → Analysis/Cleanup

Mark project as Completed

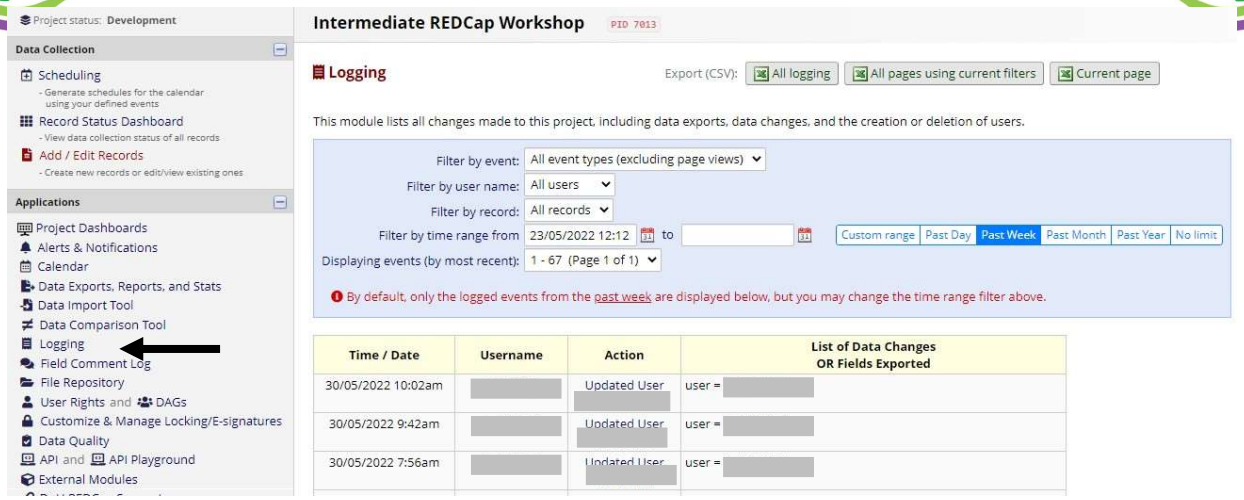
If you are finished with a project and wish to make it completely inaccessible, you may mark the project as 'Completed'. Doing so will take it offline and remove it from everyone's project list, after which it can only be seen again by clicking the *Show Completed Projects* link at the bottom of the *My Projects* page. Read more

Project Design Project Testing User Rights	Data entry Quality Assessment Reports Data Export	Clean up data but no data collection Data Export

60

60

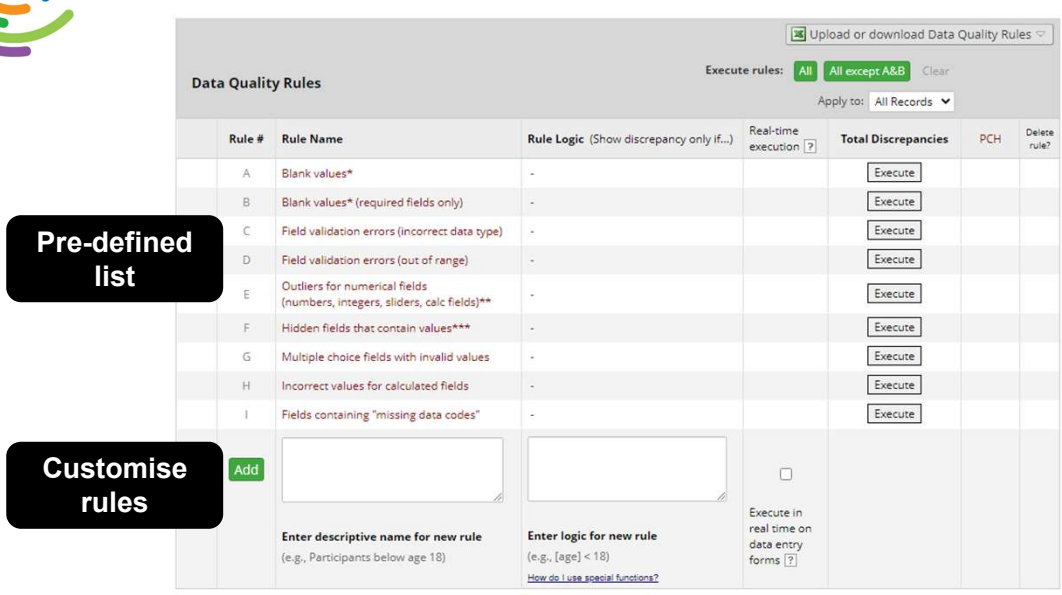
Logging: Automatic Audit Trail



61

61

Data Quality Checks



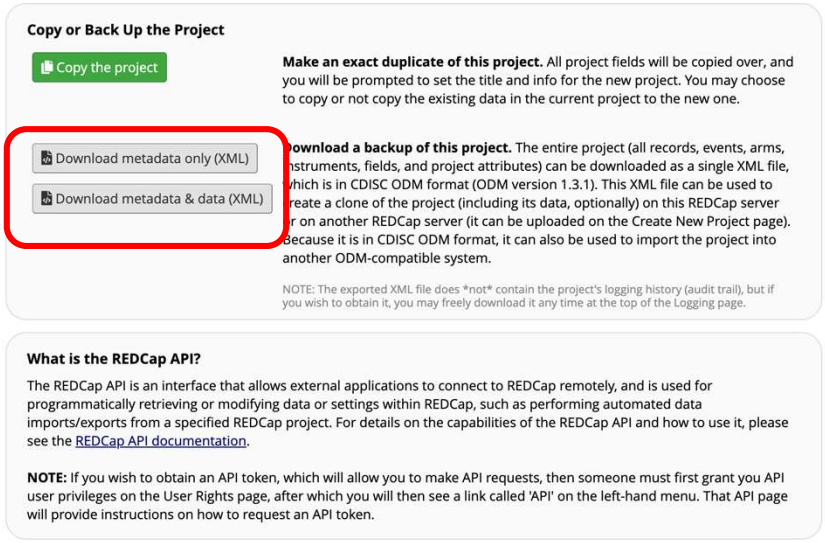
Pre-defined list

Customise rules

62

62

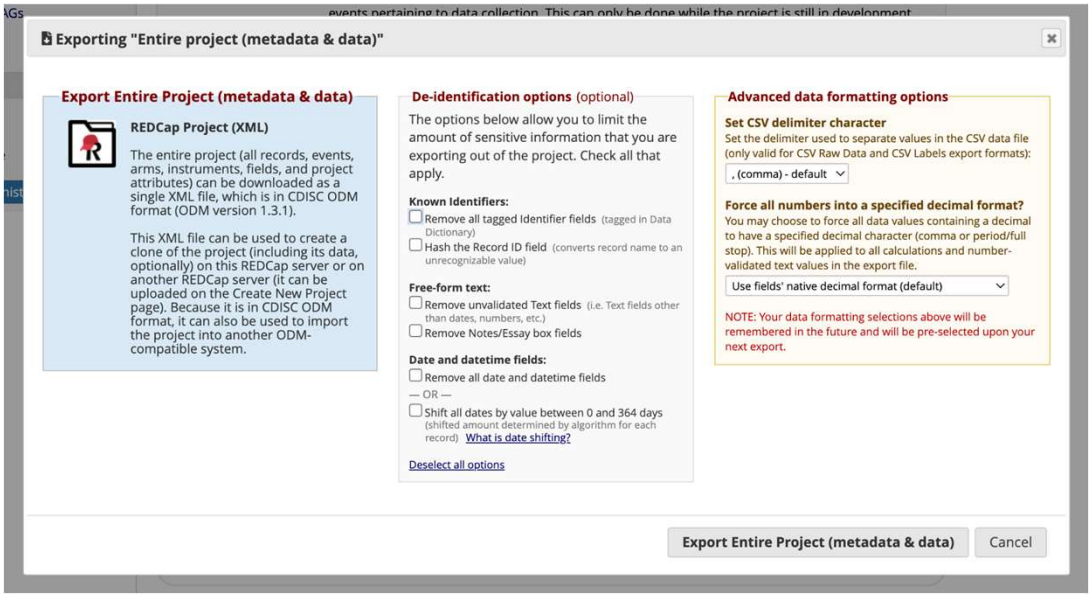
Project Backup



63

63

Project Migration



64

64

REDCap Applications

65

Multi-language Management

- Feature that shows data entry form or survey in multiple languages thus enabling data entry in preferred language

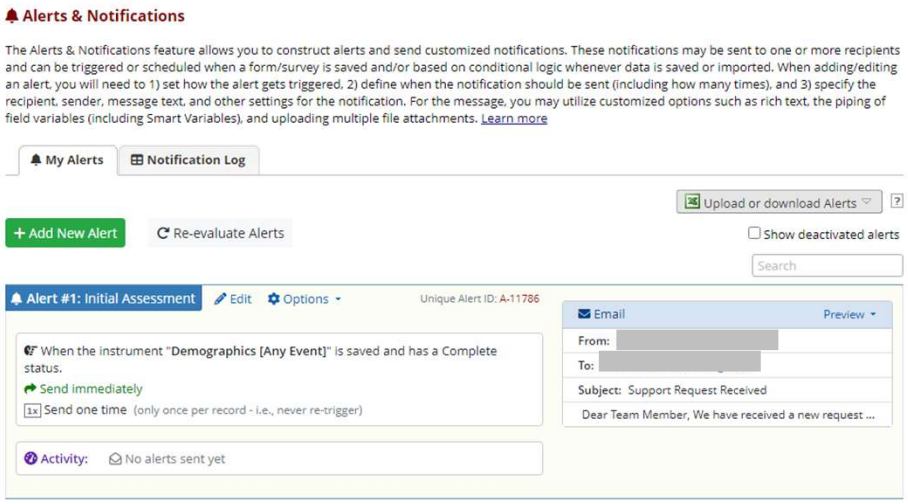
- Does not auto-translate:
  - Provides tools so one can easily translate

Multi-Language Management (vanderbilt.edu)

66

66

Alerts and Notifications



For both data entry forms and surveys

67

67

Other Functions

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

68

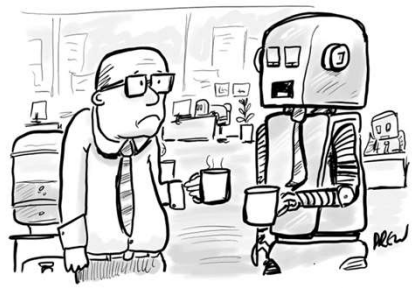
68

Why choose REDCap?

69

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)



70

70

Why choose REDCap?

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

71

71

Questions?

Comments?

72

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

73

© 2023 CAHS **Research Education Program**

Child and Adolescent Health Service Department of Research
Department of Health, Government of Western Australia

Copyright to this material produced by the CAHS Research Education Program, Department of Research, Child and Adolescent Health Service, Western Australia, under the provisions of the Copyright Act 1968 (C'wth Australia). Apart from any fair dealing for personal, academic, research or non-commercial use, no part may be reproduced without written permission. The Department of Research is under no obligation to grant this permission. Please acknowledge the CAHS Research Education Program, Department of Research, Child and Adolescent Health Service when reproducing or quoting material from this source.

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

74

Government of **Western Australia**
Child and Adolescent Health Service

Using REDCap for Data Capture and Management

RESOURCE NOTES

CAHS Research Education Program Research Skills Seminar Series
✉ ResearchEducationProgram@health.wa.gov.au
cahs.health.wa.gov.au/ResearchEducationProgram

Table of Contents

1.	**About REDCap and WA Department of Health**	**7**
2.	**Support for the WA Health instance of REDCap**	**8**
3.	**Support for the Telethon Kids Institute instance of REDCap**	**9**
4.	**REDCap Workshops at PCH**	**10**
5.	**Training Videos**	**10**

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)
- 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)

Government of **Western Australia**
Child and Adolescent Health Service

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

Register via Eventbrite

View recorded seminars online

Subscribe to our mailing list

Meet the presenter

THE UNIVERSITY OF WESTERN AUSTRALIA

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.

researcheducationprogram@health.wa.gov.au (08) 6456 0514

cahs.health.wa.gov.au/Research/For-researchers/Research-Education-Program

Government of **Western Australia**
Child and Adolescent Health Service

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

THE UNIVERSITY OF WESTERN AUSTRALIA

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

researcheducationprogram@health.wa.gov.au (08) 6456 0514
cahs.health.wa.gov.au/Research/For-researchers/Research-Education-Program

Government of **Western Australia**
Child and Adolescent Health Service

Perth Children's Hospital **Foundation**

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

Register via Eventbrite

View recorded seminars online

Subscribe to our mailing list

Contact Us

☎ (08) 6456 0514

✉ researcheducationprogram@health.wa.gov.au

cahs.health.wa.gov.au/Research/For-researchers/Research-Education-Program

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.

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.

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	○	○	○	○	○	○
The session was well structured	○	○	○	○	○	○
Presentation style retained my interest	○	○	○	○	○	○
The speaker communicated clearly	○	○	○	○	○	○
The material extended my knowledge	○	○	○	○	○	○
The additional resources were helpful	○	○	○	○	○	○

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!

Government of **Western Australia**
Child and Adolescent Health Service

cahs.health.wa.gov.au/ResearchEducationProgram

CAHS Research Education Program Research Skills Seminar Series

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