INTRODUCTION TO REDCap

Research Electronic Data Capture

THE UNIVERSITY OF CHICAGO MEDICINE & BIOLOGICAL SCIENCES
CENTER FOR RESEARCH INFORMATICS

Presenter: Julissa Acevedo, REDCap Administrator
TODAY'S AGENDA

History & Background

Seminar Topics

Live Demos

Q&A (anytime!)
History & Background
WHO CREATED REDCAP & WHO USES IT?

THEN

2004: Developed at Vanderbilt Univ.
2006: Global consortium started
2010: University of Chicago joined
2011: Center for Research Informatics created

NOW

Worldwide:
+ 2400 institutions / 115 countries
+ 430,000 projects
+ 559,000 users

UChicago:
+ 2600 projects
+ 2900 users
WHO IS THE CRI?

Services
= high performance computing and data storage
= bioinformatics data analysis services
= clinical research data acquisition
= research data management tools

Location
The Shoreland
5454 South Shore Drive, Suite 1D
Chicago, IL 60615

Website
cri.uchicago.edu
WHAT IS REDCAP?

Web-based software used to create and manage research databases and participant surveys.

Developed as a tool to help researchers collect and manage data effectively and responsibly.
WHAT ARE THE ADVANTAGES?

**Accessible**
- web-based access (on and off campus)
- access for multi-site collaborations

**Customizable**
- fast and flexible to design
- modifications at anytime

**Accurate**
- ensures consistent and accurate data entry
- data quality checks to look for errors

**Secure**
- user authentication against BSDAD or UCHAD
- nightly backups, weekly vulnerability scans

**Free**
- includes training, design guidance, troubleshooting
SEMINARS TOPICS

**Project Setup**
- Creating a project
- Adding and editing fields
- Optional modules and customizations
- Testing your project
- Moving to production

**Using Surveys**
- Enabling surveys
- Settings & customizations
- Public link vs private links

**Applications & Tools**
- Record status dashboard
- Project change log
- Exports and reports
- Data dictionary
- File repository
FUTURE SEMINARS

JANUARY 4th

• Making the Most of REDCap: Beyond Basic Skills

JUNE 8th

• Making the Most of REDCap: All About Surveys

REGISTER

• https://cri.uchicago.edu/seminar-series/
REDCAP ACCESS

Log In

THE UNIVERSITY OF CHICAGO MEDICINE & BIOLOGICAL SCIENCES

NEW USERS:
Log in with either your BSDAD or UCHAD account (use only one account). If you do not have either account, a sponsor with a BSDAD account may create a CRI Collaborator Account for you. This online request form can also be used for external collaborators from other institutions. (Please allow 48-72 hours for the request to be processed.)

PASSWORD HELP:
Passwords cannot be changed within REDCap. If you need password help, contact the appropriate help desk below.

BSDAD or UCHAD Accounts:
CBIS Service Desk
773-922-5456
help@bsd.uchicago.edu

Collaborator Accounts (cui__):
CRI Help Desk
773-922-5475
access@rt.cri.uchicago.edu

*NOTE: If REDCap states your account is suspended upon log in, contact the CRI REDCap Administrator at redcap@rt.cri.uchicago.edu

Please log in with your user name and password. If you are having trouble logging in, please contact REDCap Support.
Welcome to REDCap!

REDCap is a mature, secure web application for building and managing online surveys and databases. Using REDCap's streamlined process for rapidly developing projects, you may create and design projects using 1) the online method from your web browser using the Online Designer, and/or 2) the offline method by constructing a 'data dictionary' template file in Microsoft Excel, which can be later uploaded into REDCap. Both surveys and databases (or a mixture of the two) can be built using these methods.

REDCap provides automated export procedures for seamless data downloads to Excel and common statistical packages (SPSS, SAS, Stata, R), as well as a built-in project calendar, a scheduling module, ad hoc reporting tools, and advanced features, such as branching logic, file uploading, and calculated fields.

Learn more about REDCap by watching a brief summary video (4 min). If you would like to view other quick video tutorials of REDCap in action and an overview of its features, please see the Training Resources page.

Please note that any publication that results from a project utilizing REDCap should cite grant support (NIH CTSA UL1 TR000430).

NOTICE: If you are collecting data for the purposes of human subjects research, review and approval of the project is required by your Institutional Review Board.

If you require assistance or have any questions about REDCap, please contact REDCap Support.