


INTRODUCTION TO



REDCap

Research Electronic Data Capture



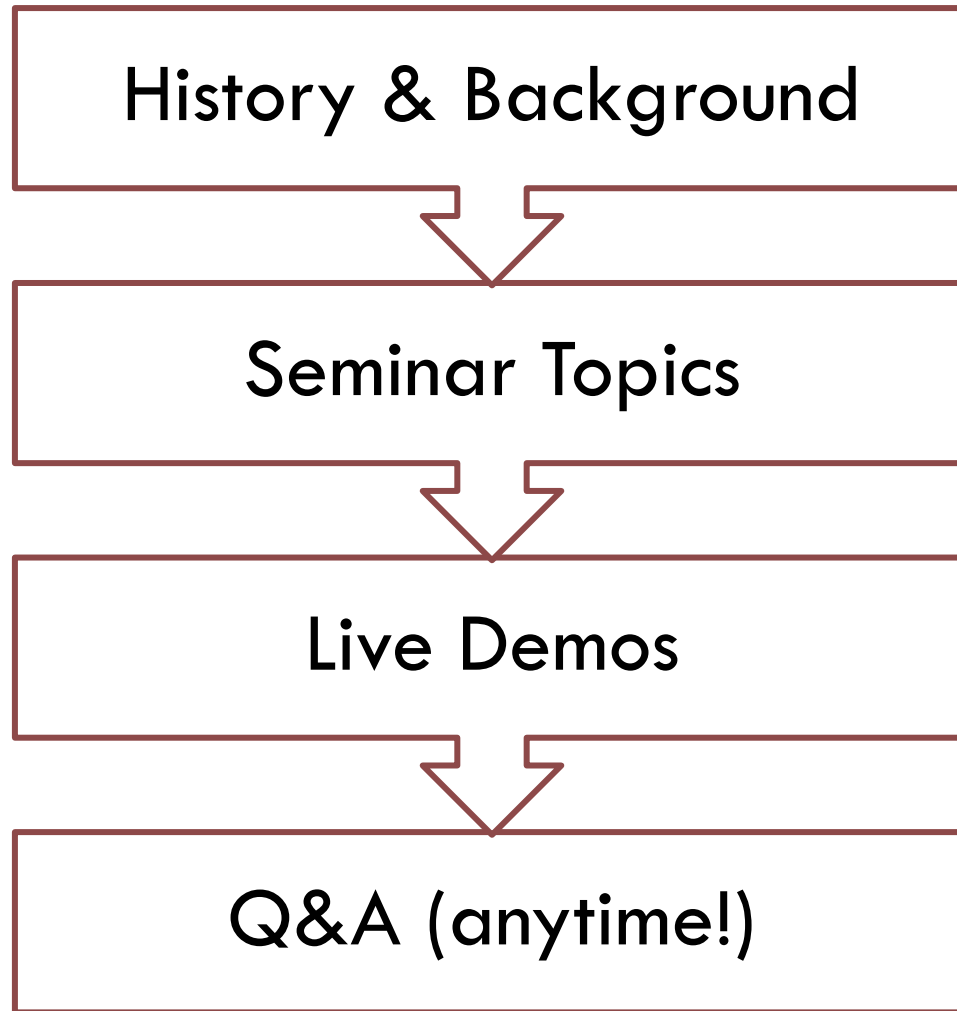
THE UNIVERSITY OF
CHICAGO MEDICINE &
BIOLOGICAL SCIENCES

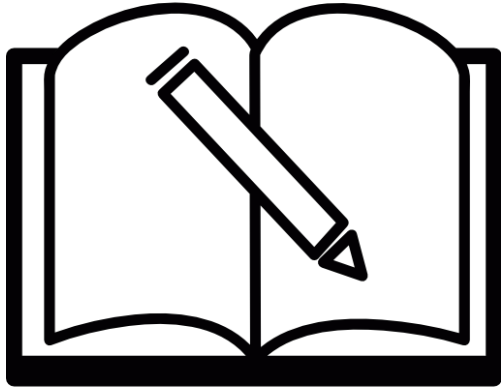


CENTER FOR
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INFORMATICS

Presenter: Julissa Acevedo, REDCap Administrator

▶ TODAY'S AGENDA





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



Map of REDCap Consortium Partners



WHO IS THE CRI?

Services

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

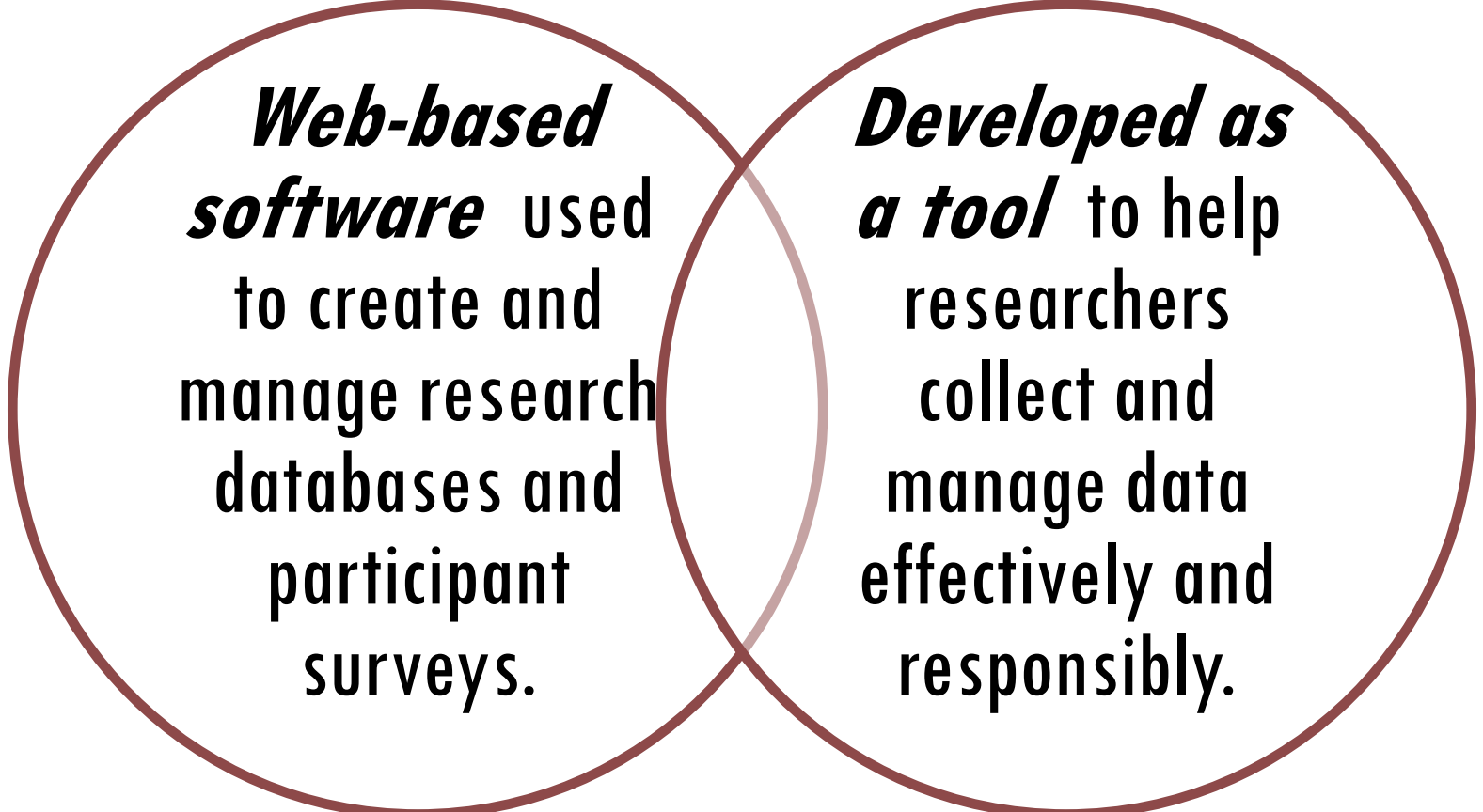
Location

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/>



Project Setup

REDCAP ACCESS



Log In



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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 request 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.*)

external accounts →

password help →

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
773-702-3456
help@bsd.uchicago.edu

Collaborator Accounts (t.cri.____):

CRI Help Desk
773-834-8475
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](#).

BSD or UCHAD →


Username:

Password:

Log In

HOME PAGE TABS

redcap1 | [My Profile](#) | [Log out](#)



Home

My Projects

Create New Project

Training Resources


Help & FAQ

Send-It

Welcome to REDCap!

REDCap is a mature, secure web application for building and managing online surveys and databases. Using REDCap's stream-lined 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](#).

REDCap Features

Build online surveys and databases quickly and securely - Create and design your project rapidly using secure web authentication from your browser. No extra software is required.

Fast and flexible - Conception to production-level survey/database in less than one day.

Export data to common data analysis packages - Export your data to Microsoft Excel, PDF, SAS, Stata, R, or SPSS for analysis.

Ad Hoc Reporting - Create custom queries for generating reports to view or download.

Scheduling - Utilize a built-in project calendar and scheduling module for organizing your events and appointments.

Easily manage a contact list of survey respondents or create a simple survey link - Build a list of email contacts, create custom email invitations, and track who responds, or you may also create a single survey link to email out or post on a website.

Send files to others securely - Using 'Send-It', upload and send files to multiple recipients, including existing project documents, that are too large for email attachments or that contain sensitive data.