Making the Most of

REDCap:
Research Electronic Data Capture

Beyond the Basics

Speaker: Julissa Acevedo, REDCap Administrator
SEMINAR SERIES

• Introduction to REDCap (fall)
• Beyond the REDCap Basics (winter)
• All About REDCap Surveys (spring)

http://cri.uchicago.edu/seminar-series/
SEMINAR TOPICS

• History and Background
• Longitudinal Data Collection
• Edit Data Dictionary via Excel
• Data Import Tool
• Data Exports, Reports, and Stats
• User Rights, Roles, Data Access Groups
• Smart Devices
• REDCap Messenger *new topic!
History & Background
ACQUIRE DATA
Explore clinical data available for research and make a data request.
Clinical Research Data Warehouse
Cohort Discovery

ANALYZE DATA
We offer high-performance computing and advanced bioinformatics analysis for the most complex datasets.
Bioinformatics Core
High Performance Computing
Computing Resources

STORE DATA
Our storage is secure, standards-compliant, and backed up daily.
CRI Data Storage

MANAGE DATA
Manage studies, surveys, and databases for research.
REDCap
Clinical Trials Informatics

FIND A CUSTOM SOLUTION
Learn more about the CRI’s tailor-made research solutions.
Custom Applications

WEBSITE:
cri.uchicago.edu
REDCAP – HISTORY

THEN

2004: Developed at Vanderbilt
2006: Global consortium
2010: University of Chicago
2011: Center for Research Informatics
2012: REDCap at UChicago

NOW

Worldwide:
2700 institutions
117 countries
479,000 projects
635,000 users

UChicago:
3000 projects
3400 users

Map of REDCap Consortium Partners
**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 IT REALLY IS!
Longitudinal Data Collection
What is classic data collection?

Data Collection Instruments

Collected Once Over Time

<table>
<thead>
<tr>
<th>Data Collection Instrument</th>
<th>Event 1 (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td>✓</td>
</tr>
<tr>
<td>Baseline Data</td>
<td>✓</td>
</tr>
<tr>
<td>Month 1 Data</td>
<td>✓</td>
</tr>
<tr>
<td>Month 2 Data</td>
<td>✓</td>
</tr>
<tr>
<td>Month 3 Data</td>
<td>✓</td>
</tr>
<tr>
<td>Completion Data</td>
<td>✓</td>
</tr>
</tbody>
</table>
What is longitudinal data collection?

Repeatabile Over Time (Visits)

<table>
<thead>
<tr>
<th>Data Collection Instrument</th>
<th>Baseline (1)</th>
<th>Visit 1 (2)</th>
<th>Visit 2 (3)</th>
<th>Visit 3 (4)</th>
<th>Final Visit (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline Data</td>
<td>✓</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monthly Data</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Completion Data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>
**Classic vs Longitudinal Data Collection**

**Classic**
- Only uses instruments.
- Doesn’t use events.
- Create an instrument for each time point.

**Longitudinal**
- Uses instruments.
- Uses events.
- Repeat instruments using events.

### Data Collection Instrument

<table>
<thead>
<tr>
<th>Data Collection Instrument</th>
<th>Baseline (1)</th>
<th>Visit 1 (2)</th>
<th>Visit 2 (3)</th>
<th>Visit 3 (4)</th>
<th>Final Visit (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demographics</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Baseline Data</td>
<td>✔</td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Month 1 Data</td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Month 2 Data</td>
<td></td>
<td>✔</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Month 3 Data</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td></td>
</tr>
<tr>
<td>Completion Data</td>
<td></td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
</tbody>
</table>
How to enable longitudinal data collection?

1. **Enable setting**
   - Complete!
   - Use surveys in this project?
   - Use longitudinal data collection with defined events?

2. **Define events**
   - Go to Define My Events or Designate Instruments for My Events

3. **Assign forms**
   - Not complete?
   - Go to Online Design Instrument or Use offline method.

Design your data collection instruments:
Add or edit fields on your data collection instruments. This may be done by either using the Online Design Instrument method or by using the REDCap online Data Dictionary (offline method). Quick links: Define or edit your instrument or use the current Data Dictionary.

Define your events and designate instruments for them:
Create events for re-using data collection instruments and/or set up scheduling.

Have you checked for identifiers? Have you checked all identifier fields have been tagged?

Go to REDCap Shared Library.
### Display and Reporting Differences

#### Classic Project
One row per record:

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>O</th>
<th>P</th>
<th>Q</th>
</tr>
</thead>
<tbody>
<tr>
<td>study_id</td>
<td>screening form fields</td>
<td>(month1 form fields)</td>
<td>(month2 form fields)</td>
<td>(month3 form fields)</td>
<td>(study completion form fields)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>1</td>
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<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>200</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>
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<td>data</td>
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<td>data</td>
<td>data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
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<td>data</td>
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<td>data</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Longitudinal Project
Multiple rows per record:

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>study_id</td>
<td>recap_event_name</td>
<td>(screening form fields)</td>
<td>(monthly form fields)</td>
<td>(study completion form fields)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>100</td>
<td>screening</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>100</td>
<td>month1</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>100</td>
<td>month2</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>100</td>
<td>month3</td>
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<td>data</td>
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<td>6</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>9</td>
<td>200</td>
<td>month2</td>
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<td>data</td>
<td>data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>300</td>
<td>screening</td>
<td>data</td>
<td>data</td>
<td>data</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>300</td>
<td>month1</td>
<td>data</td>
<td>data</td>
<td>data</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Repeating Forms and Events

Enable setting here
Repeating Forms and Events

This feature can be used for:

• **Classic projects** – to repeat forms
• **Longitudinal projects** – to repeat forms and events
• **Survey projects** – to allow participants to repeat surveys

**Enable optional modules and customizations**

- **Repeatable instruments**

**Repeatable instruments**

- Watch in-depth video (33 minutes)

REDCap has the ability to repeat a data collection instrument or an entire event of instruments an unlimited number of times without having to specify the amount needed. This is sometimes called one-to-many data collection, in which a project can have one or more repeating parts. For example, if each record in a hypothetical project represents a person,
Edit Data Dictionary via Excel
Editing your Instruments: Two Methods

Design your data collection instruments
Add or edit fields on your data collection instruments. This may be done by either using the Online Designer (online method) or by uploading a Data Dictionary (offline method). Quick links: Download PDF of all instruments OR Download the current Data Dictionary

Go to Online Designer or Data Dictionary

You may also browse for pre-built data collection instruments in the REDCap Shared Library.

Have you checked the Check For Identifiers page to ensure all identifier fields have been tagged?

online REDCap
REDCap & Excel
Editing your Instruments: Data Dictionary

This module will allow you to create new data collection instruments/surveys or edit existing ones. Changes may be made by either using the Online Designer or Upload Data Dictionary (see tabs above), in which you may use either method or both. The Online Designer may help you get some initial fields/forms built quickly or to make quick edits, but using the Data Dictionary file may be more helpful if you will be adding a large number of fields for this project.

This module may be used for making changes to the project, such as adding new fields or modifying existing fields, by using an offline method called the Data Dictionary. The Data Dictionary is a specifically formatted CSV (comma delimited) file within which you may construct your project fields and afterward upload the file here to commit the changes to your project.

Click the 'Browse' or 'Choose File' button below to select the file on your computer, and upload it by clicking the 'Upload File' button. Once your file has been uploaded, changes will NOT immediately be made but will be displayed and checked for errors to ensure that all the formatting in your Data Dictionary is correct before official changes are made to the project. **Snapshot note:** A snapshot of your project's current Data Dictionary will be created automatically during the Data Dictionary upload process before committing the new Data Dictionary. The snapshot can later be accessed and downloaded from the Project Revision History page.

**Need some help?**
If you wish to view an example of how your Data Dictionary may be formatted, you may download the Data Dictionary demonstration file, or you may view the Data Dictionary Tutorial Video (10 min). For help setting up your Data Dictionary, you may also see the instructions listed on the Help & FAQ.

**Steps for making project changes:**
1.) Download the current Data Dictionary
2.) Edit the Data Dictionary (see the Help & FAQ for help)
3.) Upload the Data Dictionary using the form below
4.) The changes will be made to the project after the Data Dictionary has been checked for errors

**Upload your Data Dictionary file** (CSV file format only)
Format for min/max validation values for date and datetime fields: MM/DD/YYYY or YYYY-MM-DD

Browse...

Upload File
Steps for Data Import Tool

DOWNLOAD from REDCap to Excel

EDIT in Excel

UPLOAD from Excel to REDCap
Caution!

1. Uploading a new data dictionary replaces the old one. It does not append to the current one. Always upload the old dictionary with your changes – not just your changes.

2. Data dictionary version history is available for projects in Production Mode, but it is not available for projects in Development Mode. However, manual “snapshots” are available in Development Mode.
Good Uses for Updating via Data Dictionary

1. Make several copies of instruments or fields in batch.

2. Turn radio buttons into a matrix field by adding a Matrix Group Name.

3. Make batch changes to all fields for:
   - Branching Logic
   - Text Validation
   - Identifiers
   - Required Fields
   - Custom Alignment
   - Field Notes
Editing your Instruments: Online Designer

The Online Designer will allow you to make project modifications to fields and data collection instruments very easily using only your web browser. NOTE: While in development status, all field changes will take effect immediately in real time.

Data Collection Instruments

- **Create**: a new instrument from scratch
- **Import**: a new instrument from the official REDCap Shared Library
- **Upload**: instrument ZIP file from another project/user or external libraries

<table>
<thead>
<tr>
<th>Instrument name</th>
<th>Fields</th>
<th>View PDF</th>
<th>Instrument actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screening</td>
<td>19</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lab Values</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Study Completion</td>
<td>5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To copy an instrument, select it and then click on the 'Copy' option.
Data Import Tool
Data Collection Types

- **Online Data Entry**
  - Record Status Dashboard
  - Add / Edit Records

- **Excel Data Import**
  - Data Import Tool
  - Data Comparison Tool

Applications:
- Calendar
- Data Exports, Reports, and Stats
- Field Comment Log
- File Repository
- User Rights and DAGs
- Record Locking Customization
- E-signature and Locking Mgmt
- Data Quality
- API and API Playground
- REDCap Mobile App
- UChicago Advanced Features
- UChicago Support Website
Data Import Tool

This module may be used for importing data into this project from a CSV (comma delimited) file or alternatively from an XML file in CDISC ODM format. Below are the steps you will need to follow in order to import your data successfully into this project.

**NOTICE:**
This project is currently in Development status. **Real data should NOT be entered** until the project has been moved to Production status.

---

**Instructions:**

1. **Click the link below** to download your data import template as a CSV (comma delimited) file. Save it locally to your computer and then open it to begin filling it with the data you wish to import.
   - **Download your Data Import Template** (with records in rows)
   - **Download your Data Import Template** (with records in columns)

2. In each column of the Data Import Template file that you downloaded, place the data for each record that you wish to import. Once all your data has been added, save the file.
   - Be sure not to change the Variables/Field Names in the file or an error may occur.
   - Also, for all of the ‘dropdown’ or ‘radio’ fields in the project, you must make sure that the numerical value (rather than the text value) is entered in those cells, or else it cannot be processed.
   - Any empty rows or columns in the file can be safely deleted before importing the file. Doing this reduces the upload processing time, especially for large projects.

3. **Click the ‘Browse’ or ‘Choose File’ button below** to select the file on your computer, and upload it by clicking the ‘Upload File’ button.

4. Once your file has been uploaded, the data will NOT be immediately imported but will be displayed and checked for errors to ensure that all the data is in correct format before it is finally imported into the project.

---

**Record format:** The file to be uploaded has its records stored as separate
**Format for date and datetime values:** MM/DD/YYYY or YYYY-MM-DD
**Allow blank values to overwrite existing saved values?** Yes, ignore blank values in the file (default)

---

**Upload your CSV file:**

[Upload File]
Steps for Data Import Tool

1. Download the Data Import Template
2. Transfer your data to the Data Import Template
3. Upload the Data Import Template

Example:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Study ID</td>
<td>Gender</td>
</tr>
<tr>
<td>2</td>
<td>100</td>
<td>male</td>
</tr>
<tr>
<td>3</td>
<td>101</td>
<td>female</td>
</tr>
<tr>
<td>4</td>
<td>102</td>
<td>F</td>
</tr>
<tr>
<td>5</td>
<td>103</td>
<td>M</td>
</tr>
<tr>
<td>6</td>
<td>104</td>
<td>f</td>
</tr>
<tr>
<td>7</td>
<td>105</td>
<td>m</td>
</tr>
</tbody>
</table>

Choices (one choice per line):
0, Female
1, Male

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>study_id</td>
<td>gender</td>
</tr>
<tr>
<td>2</td>
<td>100</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>101</td>
<td>0</td>
</tr>
<tr>
<td>4</td>
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<td>5</td>
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<td>1</td>
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<td>6</td>
<td>104</td>
<td>0</td>
</tr>
<tr>
<td>7</td>
<td>105</td>
<td>1</td>
</tr>
</tbody>
</table>
Caution!

1. Don’t change the variable names on the template. They must match the project's variable names.

2. For all dropdown, radio button, checkbox, or matrix fields, upload the numerical value (rather than the text value).

3. Empty rows or columns can be deleted before importing the file to reduce the upload processing time.

4. It’s recommended you import a few variables at a time. The entire template doesn’t need to be imported all at once.
Data Exports, Reports, and Stats
Data Exports, Reports, and Stats Page

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.

<table>
<thead>
<tr>
<th>My Reports &amp; Exports</th>
<th>View/Export Options</th>
<th>Management Options</th>
<th>Report ID (auto-generated)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Report name</strong></td>
<td>View Report</td>
<td>Export Data</td>
<td>Stats &amp; Charts</td>
</tr>
<tr>
<td><strong>All data</strong> (all records and fields)</td>
<td>□ View Report</td>
<td>▼ Export Data</td>
<td>Stats &amp; Charts</td>
</tr>
<tr>
<td><strong>Selected instruments</strong> (all records)</td>
<td>Make custom selections</td>
<td>□ View Report</td>
<td>▼ Export Data</td>
</tr>
<tr>
<td><strong>+ Create New Report</strong></td>
<td>□ View Report</td>
<td>▼ Export Data</td>
<td>Stats &amp; Charts</td>
</tr>
</tbody>
</table>
Other Export Options

Below are some additional export options that are available for your project. Instructions for each type of export are provided. You may click the corresponding icon on the right to download the file for each.

1. **Export entire project as REDCap XML file (containing metadata & data)**
   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.

2. **ZIP file of uploaded files (all records)**
   Uploaded files for all records in this project may be downloaded in a single ZIP file. This file contains any files uploaded for 'File Upload' fields/questions on a survey or data entry form. The ZIP file will contain a folder of all the files organized by record name and variable/field name and also contains an index.html file that serves as a table of contents for all the files. After downloading the ZIP file, extract all the files/folders to a directory on your local computer, after which you may double-click the index.html file inside to view a listing of the files using your web browser, or you may view the files directly by looking in the 'documents' folder. Click the icon to the right to begin downloading the ZIP file.

   *Note: If your project has a large amount of 'File Upload' fields/questions or records/responses, the resulting ZIP file may be very large in file size. Please be patient if the file takes time to download.*

3. **PDF of data collection instruments containing saved data (all records)**
   The data for all records in this project may be downloaded in a single PDF file. This file contains the actual page format as you would see it on the data entry page or survey and includes all data for all records for all data collection instruments. Click the icon to the right to begin downloading the file.

   *Note: If your project has a large amount of fields/questions or records/responses, the resulting PDF file may be very large both in file size and in page length. Please be patient if the file takes time to download.*
User Rights
User Rights

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.

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

Create new roles: Add new user roles to which users may be assigned.
- Enter new role name
- Create role

Current users:

<table>
<thead>
<tr>
<th>Role name</th>
<th>Username or users assigned to a role</th>
<th>Expiration</th>
<th>Data Access Group</th>
<th>Project Design and Setup</th>
<th>User Rights</th>
<th>Data Access Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>jacevedo</td>
<td>Julissa Acevedo</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
User Roles

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- Add new user
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<table>
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<th>Expiration</th>
<th>Data Access Group</th>
<th>Project Design and Setup</th>
<th>User Rights</th>
<th>Data Access Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>jacevedo (Julissa Acevedo)</td>
<td>never</td>
<td>—</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Data Entry</td>
<td>t.cri.redcap1 (Julissa Acevedo)</td>
<td>never</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>t.cri.redcap2 (Julissa Acevedo)</td>
<td>never</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>
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.

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

Create new roles: Add new user roles to which users may be assigned.
- Enter new role name
  - Create role

<table>
<thead>
<tr>
<th>Role name</th>
<th>Username or users assigned to a role</th>
<th>Expiration</th>
<th>Data Access Group</th>
<th>Project Design and Setup</th>
<th>User Rights</th>
<th>Data Access Groups</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Manager</td>
<td>jacevedo (Julissa Acevedo)</td>
<td>never</td>
<td>—</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Data Entry</td>
<td>t.cri.redcap1 (Julissa Acevedo)</td>
<td>never</td>
<td>Lurie</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>t.cri.redcap2 (Julissa Acevedo)</td>
<td>never</td>
<td>UIC</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Smart Devices
Smart Devices

REDCap is compatible with:

- iPhones and iPads
- Android tablets and smart phones
- Simply go to https://redcap.uchicago.edu/
Mobile App

But for offline data collection (no internet)...

*not available for:
**Mobile App - Process**

1. Create Project (in REDCap)
2. Down-load Project (in App)
3. Collect Data
4. Down-load Data?
5. Send Data
6. Resync Project
Mobile App - iPhone

- My Projects
- Set Up Mobile Project
- Change My Password
- About the REDCap Mobile App
- Frequently Asked Questions
- Translate the Interface (Translate)
- Report a Bug
- Purpose

Mobile Test
First Instrument
Show instrument controls

Record ID: 1

GPS test Longitude: -88.8088139
- update
- reset

GPS test latitude: 36.14609324893183
- update
- reset

First Name

Last Name

Weight (readonly in app): 95

Signature test
Add Signature
Mobile App - iPad

- My Projects
- Set Up Mobile Project
- Change My Password
- About the REDCap Mobile App
- Frequently Asked Questions
- Translate the Interface (Translate)
- Report a Bug
- Purpose

- longitudinal test
  - Enrollment
  - Demographics

- Study ID: 1

- Upload test1

- Date subject signed consent: 2017-04-18

- Dropdown field: yes

- Radio field:
  - yes
  - no
  - maybe
REDCap Messenger
Welcome to REDCap!

REDCap is a mature, secure web application for building and managing surveys and databases. Using REDCap's stream-lined process for developing projects, you may create and design projects using a method from your web browser using the Online Designer; another method by constructing a 'data dictionary' template file in Microsoft Excel can be later uploaded into REDCap. Both surveys and databases (one 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.
Create new conversation

**Users List**

- Users across all my projects: (select all)
  - bfighter (Brian Fijner) ✓
  - jacevedo (Julissa Acevedo) ✓
  - schoi (Seong Choi)
  - t.cri.redcap1 (Julissa Acevedo)
  - t.cri.redcap2 (Julissa Acevedo)
  - t.cri.redcap3 (Julissa Acevedo)
  - tcyrus (Tiffany Cyrus)

**Selected users**

- jacevedo ✓
- bfighter ✓

**Conversation Title** (required)

- status

**Initial Message** (optional)

- what's the status of patient 105?

**Link Conversation to Project** (optional)

- Sickle Cell Patient Registry (Backup Copy 11/10/17 5PM) (✓)

[Create] [Close]
Wrap Up
Help Resources

**Inside of REDCap:**

- page:  
- email:  

**Outside of REDCap:**

- page: https://cri.uchicago.edu/redcap
- email: redcap@rt.cri.chicago.edu
Additional Training Manuals

TRAINING MANUALS

The following manuals are available for your reference. Please contact REDCap Support with any questions.

Quick Start Guide
Beginner’s Guide
Advantages and Limitations
Best Practices
Avoid Common Pitfalls
User Rights Best Practices
Project Templates
Project Template Data Dictionaries
Data Dictionary
Reports and Exports
Data Resolution Workflow
Randomization Module
Mobile App Guide
Multiple Surveys
Automated Survey Invitations
Survey Queues
Personalized Survey Greetings
Matrix Fields
Piping Feature
Deleting Records
Excel Supplement

http://cri.uchicago.edu/redcap-training/

PDFs
Making the Most of REDCap: All About Surveys

- Thursday, June 7th, 2018
- KCDB 1103
- Time TBD
- https://cri.uchicago.edu/seminar-series/