

WHAT IS THE CTSI?

THE BOSTON UNIVERSITY CLINICAL AND TRANSLATIONAL SCIENCE INSTITUTE (CTSI) IS A PARTNERSHIP BETWEEN BOSTON UNIVERSITY AND BOSTON MEDICAL CENTER LAUNCHED IN 2008 WITH FUNDING FROM THE NIH

THE CTSI SERVES AS A CENTER OF EXPERTISE WHICH PROVIDES TOOLS, SERVICES, AND RESOURCES TO CLINICAL AND TRANSLATIONAL INVESTIGATORS

THE GOAL OF THE CTSI IS TO MAXIMIZE THE IMPACT OF DISCOVERIES AND SPEED THE TRANSLATION OF RESEARCH TO THE BEDSIDE.

WHAT IS BERD?

CTSI's BIOSTATISTICS, EPIDEMIOLOGY & RESEARCH DESIGN (BERD)

- COLLABORATE AND CONSULT WITH RESEARCH TEAMS TO HELP DESIGN AND CARRY OUT HIGH QUALITY RESEARCH
- PROVIDE PROPER APPROACHES TO DESIGN STUDIES, COLLECT AND MANAGE DATA, PERFORM ANALYSES, AND PRESENT RESULTS

BERD CONSULTING SERVICES

- WEEKLY STUDY DESIGN, DATA MANAGEMENT, AND STATISTICAL ANALYSIS DROP-IN SESSIONS ON THE MEDICAL AND CHARLES RIVER CAMPUSES
- MONTHLY BIostatistical AND DATA MANAGEMENT SEMINARS
- SOFTWARE TOOLS FOR COLLECTING, MANAGING, AND STORING DATA
- REDCAP CONSULTING AND DROP-IN SESSIONS

Biostatistics, Epidemiology and Research Design Core

SOFTWARE TOOLS

Software	Purpose	Cost to BUMC Investigators	Support
REDCap	Web-based data collection software	No cost	Tutorials Google group Drop-in sessions Fee-for-service (\$/hr)
Medrio	Web-based clinical trial data management software	Free to universities < 100k data points	Tutorials Email support
Qualtrics	Premier online survey tool	Free to BU University	Tutorials Technical support Fee-for-service (\$/hr)
StudyTRAX	Web-based study management software (21CFR part 11 compliant)	Fee per participant / Pilot grant \$99	Technical support Fee-for-service (\$/hr)
FreezerPro	Web-based freezer inventory and management software	\$199 per user license	Fee-for-service (\$/hr)

WHAT IS REDCAP?

- REDCAP IS A SECURE, HIPAA COMPLIANT, WEB-BASED (EDC) APPLICATION
- USED FOR BUILDING AND MANAGING ONLINE SURVEYS AND DATABASES
- REDCAP MAY BE USED FOR RESEARCH PURPOSES BY THE ENTIRE BU COMMUNITY.

FEATURES

- CREATE FORMS FOR DATA ENTRY AND SURVEYS
- BRANCHING LOGIC & DATA VALIDATION
- CALCULATED FIELDS
- E-SIGNATURE & RECORD LOCKING
- DATA EXPORT FOR ANALYSIS IN R, SPSS, STATA, SAS, EXCEL
- PRE-SPECIFIED IDENTIFIERS
- MULTI-SITE ACCESS FOR DATA COLLECTION
- AUDIT TRAIL
- AUTOMATED BACKUPS TO IT SERVERS

SECURITY & INTEGRITY

- AUDIT LOGS
- ROLE-BASED USER RIGHTS
- SECURITY & MAINTENANCE UPDATES
- PHYSICALLY & VIRTUALLY SECURED ON IT SEVER & BACKED UP NIGHTLY

HOW DO I GET STARTED?

- LEARN MORE ABOUT REDCAP BY VISITING REDCAP TRAINING RESOURCES
[HTTPS://REDCAP.BUMC.BU.EDU/INDEX.PHP?ACTION=TRAINING](https://redcap.bumc.bu.edu/index.php?action=training)
- REQUEST REDCAP ACCESS BY VISITING BU CTSI TOOLS
[HTTP://WWW.BU.EDU/CTSI/TOOLS/](http://www.bu.edu/ctsi/tools/)
- REQUEST A 1-HOUR INITIAL CONSULTATION
- COME TO A REDCAP DROP-IN SESSIONS, HELD ON 1ST & 3RD THURSDAY OF EACH MONTH, FROM 1 –3 PM
- CONTACT TASHA COUGHLIN AT [TAWATSON@BU.EDU](mailto:tawatson@bu.edu)

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TO LEARN MORE ABOUT THE CTSI
& BERD

PLEASE VISIT BU.EDU/CTSI OR
EMAIL US AT CTSI@BU.EDU