

# NACC Electronic Data Capture Updates

## EDC WORKGROUP

NACC is currently collaborating with the ADRCs to develop Electronic Data Capture (EDC) systems for UDSv4 that will effectively serve the needs of the ADRC program. Sign up to participate in the EDC Workgroup with thought leaders from participating ADRCs!

- The EDC Workgroup was launched by NACC and the Data Core Steering Committee in January 2022
- 84 members from across 32 ADRCs are collaborating across three subgroups to co-develop REDCap forms, define requirements, and to develop training and education materials for UDSv4.

### EDC Workgroup ADRCs and Partners



JOIN THE  
EDC WORKGROUP!



#### EDC Workgroup Leadership

**Purpose:** Leads the EDC Workgroup All Hands Meetings and oversees the EDC Workgroup leads meetings with the subgroup co-leads.

**Co-Leads:** Sudeshna Das, PhD (Massachusetts ADRC), Sarah Biber, PhD (NACC)

#### Requirements



**Subgroup Purpose:** Identify and recommend best practices for EDC/REDCap data capture and requirements for data collection, data quality checking and data transmission from ADRCs to NACC. Use survey tools and conduct interviews to understand current systems, key requirements, and anticipated/potential changes related to the launch and adoption of UDSv4.

**Co-Leads:** Meredith Zosus, PhD (South Texas ADRC), Kari Stephens, PhD (NACC), and Chad Murchison, PhD (Alabama Exploratory ADRC)

#### Development



**Subgroup Purpose:** Design, build and test of EDC technologies. Specifically, development of UDSv4 projects in REDCap; providing technical review for NACC API designs and implementation; and contributing to development of related tools needed by sites. The scope of this work includes quality validation.

**Co-Leads:** Jon Reader, MS (Michigan ADRC), Ben Keller, PhD (NACC), and Melissa Lerch, PhD (NACC)

#### Documentation and Training

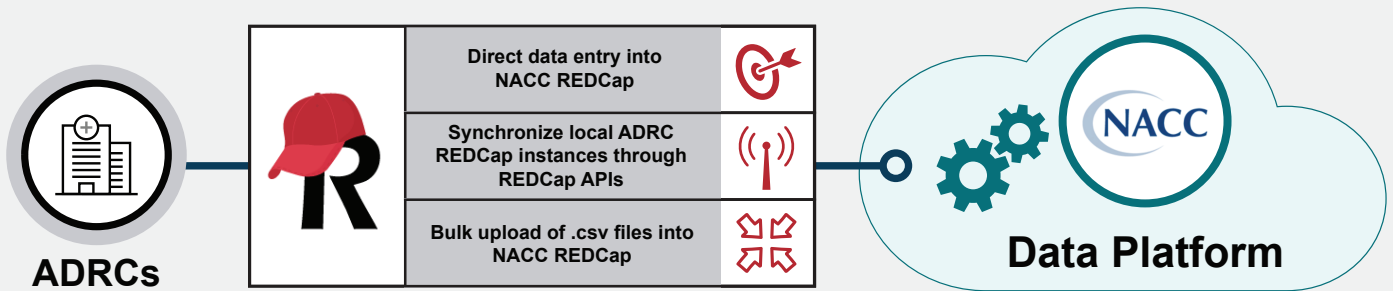


**Subgroup Purpose:** Design and develop of training materials and SOPs for EDC (REDCap, in particular) at ADRCs as well as making existing resources more readily available to the community.

**Leads:** Sarah Gothard, MS (OHSU ADRC), Laura McLeod, BBA (NACC), Leah Reuter, PhD (Wisconsin ADRC - completed service in March 2023),

# NACC Electronic Data Capture Benefits

## EDC BENEFITS



### SAVE TIME

- Auto-filled drug options (RXNorm)
- Auto-populate health history data for follow-up visits
- Skip-logic
- Access to automated NACC tools connected to data
- On-demand centralized robust training

### ENHANCE SHARING

- Increased co-development and sharing amongst ADRCs
- Conserved resources through centralization
- Automatic EHR (Epic) to REDCap extractions for ADRCs that capture EHR data for UDS visits

### IMPROVE DATA QUALITY

- Real-time form error checks
- Reduced multiple choice errors
- Transparent and replicable QC processes
- Improved standardization and error checks via centralization
- Enhances utilization for analysis and other scholarly activities

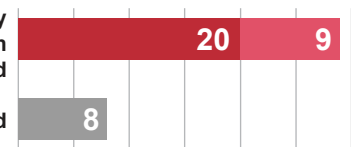
## WHY REDCap?



REDCap is the canonical tool for forms data capture. In our 2022 survey, most of the ADRCs were already using REDCap or were intending to adopt it.

20 centers already using REDCap with 9 more interested

Not interested



Responses from April 11, 2022