Data Support Drives ORE Core Success

A 'Grassroots' Collaboration of ORE and DMSC

October 17, 2024 | ADRC Data Core Session

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Disclosure: No conflict of interest to the information shared in this presentation.

KU ALZHEIMER'S DISEASE RESEARCH CENTER

The University of Kansas Medical Center

Critical Shift to Meet Center-Wide Recruitment Targets

- Prioritize Recruitment
  - Vital to the science
  - Academic value

- Integrated Systems and Operations
  - Centralized recruitment for trials and studies
  - Complex, multi-step, multi-tiered operation
  - Need for regular reporting

- Professionalize
  - Customer focused
    - Potential participants
    - Study teams
    - Underrepresented groups
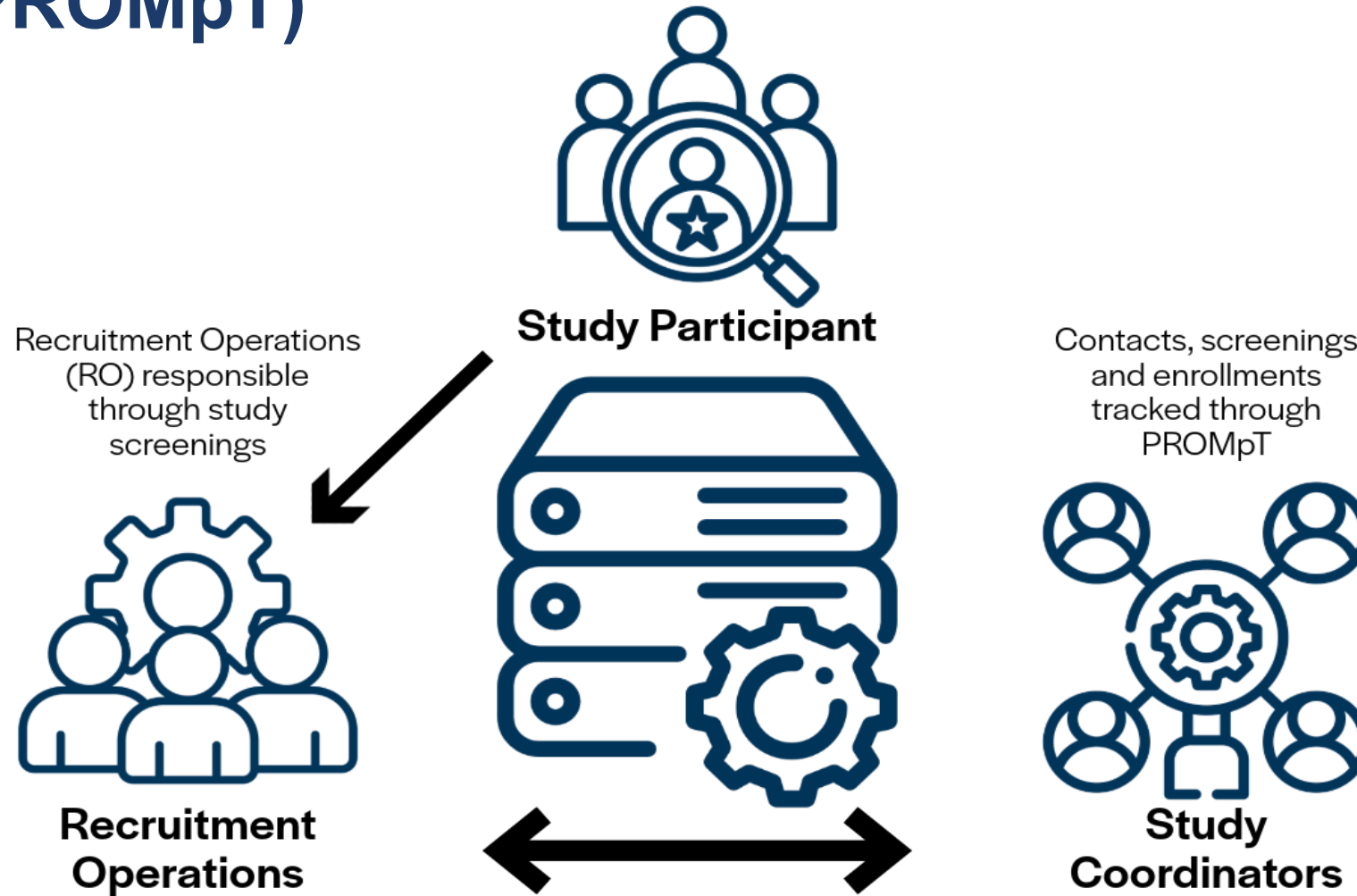
Eric Vidoni, PhD
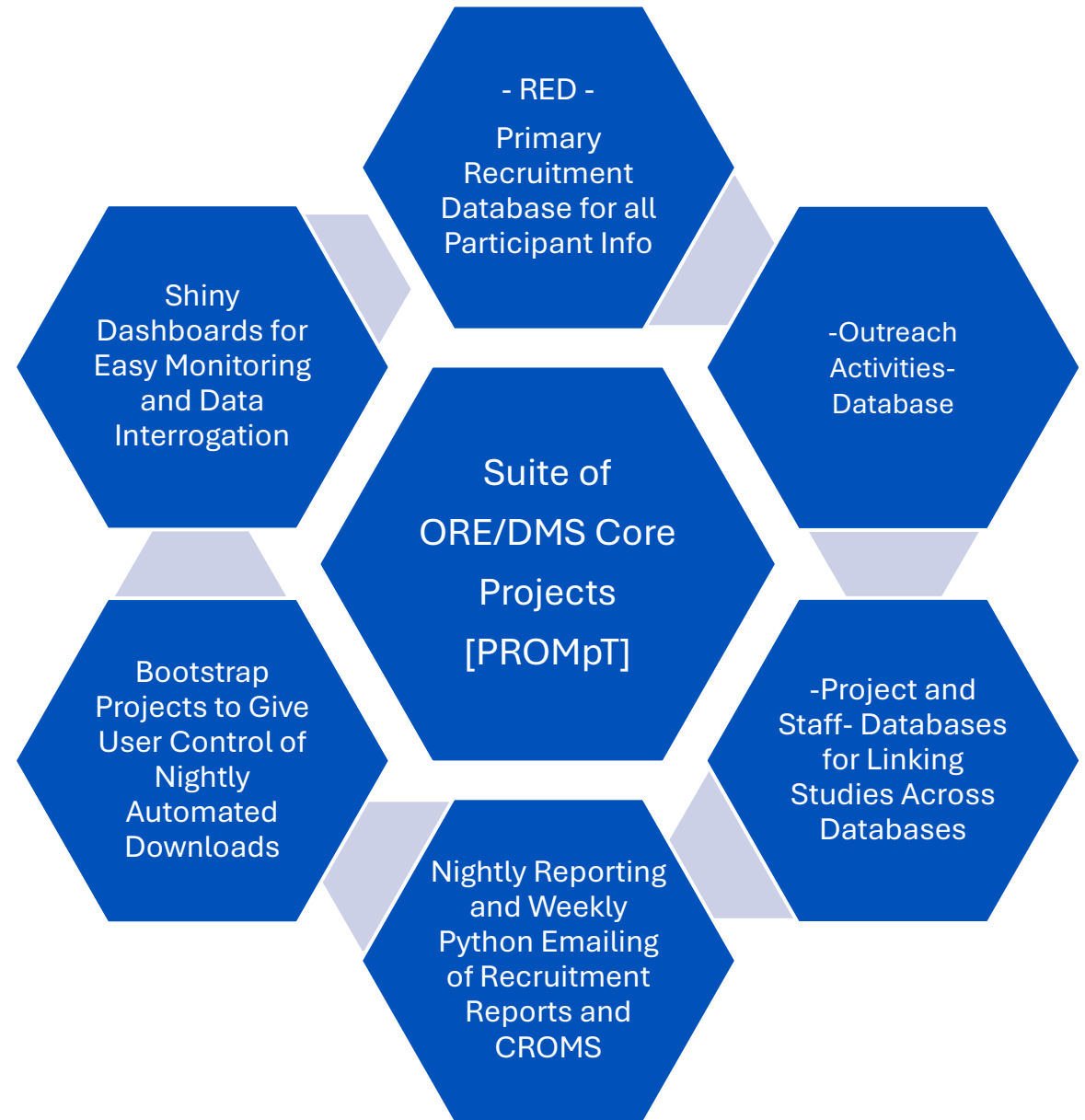ORE Leader

Centralize ORE Functions

- ORE composed of two dedicated teams
  - Engagement team
  - Recruitment team

- Customer Relations Management
  - Custom-built CRM in REDCap

- Fully align with clinical teams (CRO and independent teams)

# Participant Relations and Outreach Manager for Trials (PROMpT)

Study Participant

Recruitment Operations (RO) responsible through study screenings

Contacts, screenings and enrollments tracked through PROMpT

Recruitment Operations

Study Coordinators

PROMpT Data

- Registry
- Participant Relationship Manager
- Recruitment Data Explorer
- Outreach Activity Tracker
- Contact Tracker
- Reporting Tool

- RED -
Primary Recruitment Database for all Participant Info

Shiny Dashboards for Easy Monitoring and Data Interrogation

-Outreach Activities- Database

Suite of ORE/DMS Core Projects [PROMpT]

Bootstrap Projects to Give User Control of Nightly Automated Downloads

-Project and Staff- Databases for Linking Studies Across Databases

Nightly Reporting and Weekly Python Emailing of Recruitment Reports and CROMS

Data Allows Us to Enhance Communication with Study Teams

- Nightly recruitment reports explorable with Shiny Dashboards
- Regular meetings and discussion with study teams to make decision based on PROMpT data

Latino Registry participants for a remote caregiver conversation
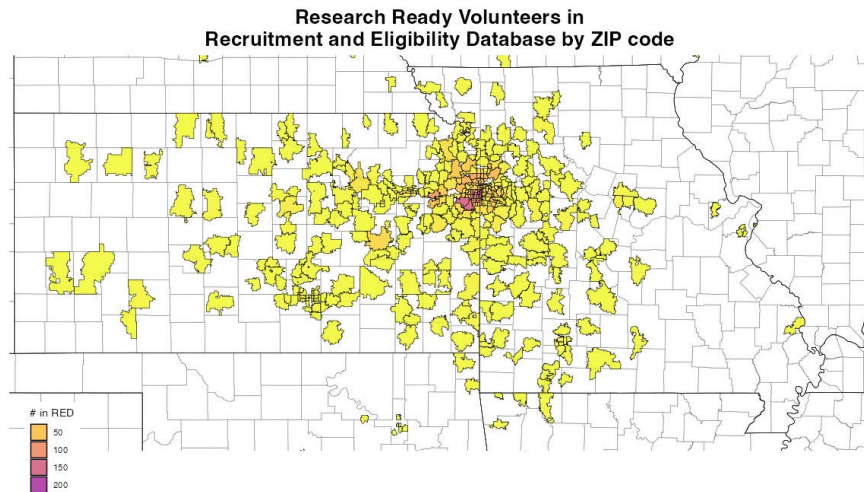
Source of recent referral for a conversation on referral yield after Social Media push
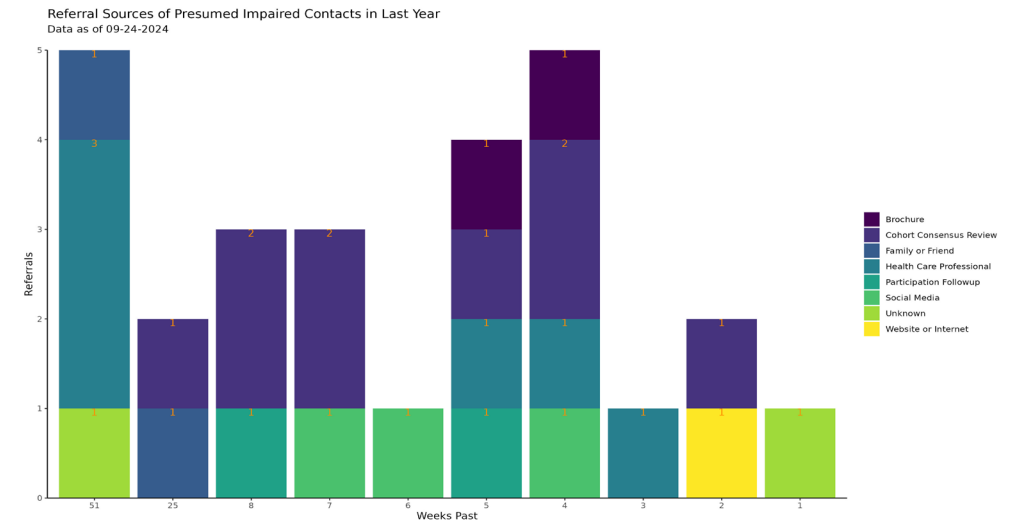
Data Creates Value for Investigators

- Accessible P30 RPPR tables and reports

- Monthly CROMS reports to PIs

- Regular recruitment activity reports for study teams

- Provides explorable data for interrogating engagement ROI

Study Nickname	COMET	
Study IRB #	146904	
PI	EricVidoniAmandaSzaboReed	
Coordinator on Record	Heather Dooly	
Recruitment Start Date	2021-04-01	
Recruitment Projected End Date	2025-03-01	

Participants	Total	Racial/Ethnic Minority
# To-date Passed-off	481	
# To-date Contacted	572	125
# To-date Enrolled	217	52
# To-date Screen Failed	266	64
# To-date Completed	157	

Recruitment Accrual Plot:

Actual vs. Needed Enrollments for COMET
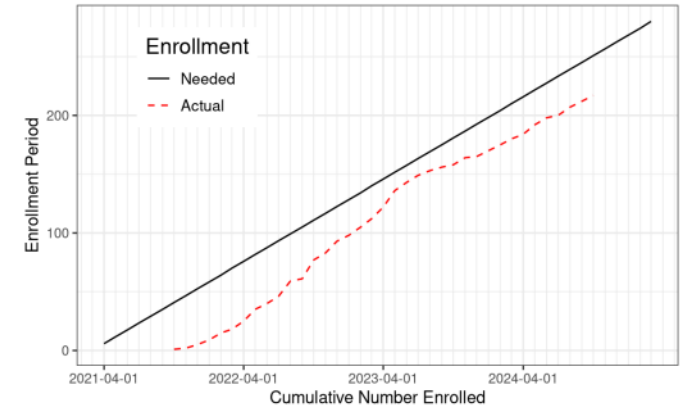
Recent Passoffs Table:

	Non-Impaired	Unknown
Oct-2024	1	0
Sep-2024	4	0
Aug-2024	15	0
Jul-2024	6	0
Jun-2024	4	0
May-2024	8	0

Data Allows Us to Monitor Key ORE Metrics

Annual enrollments

Actual enrollment rates compared to target rates
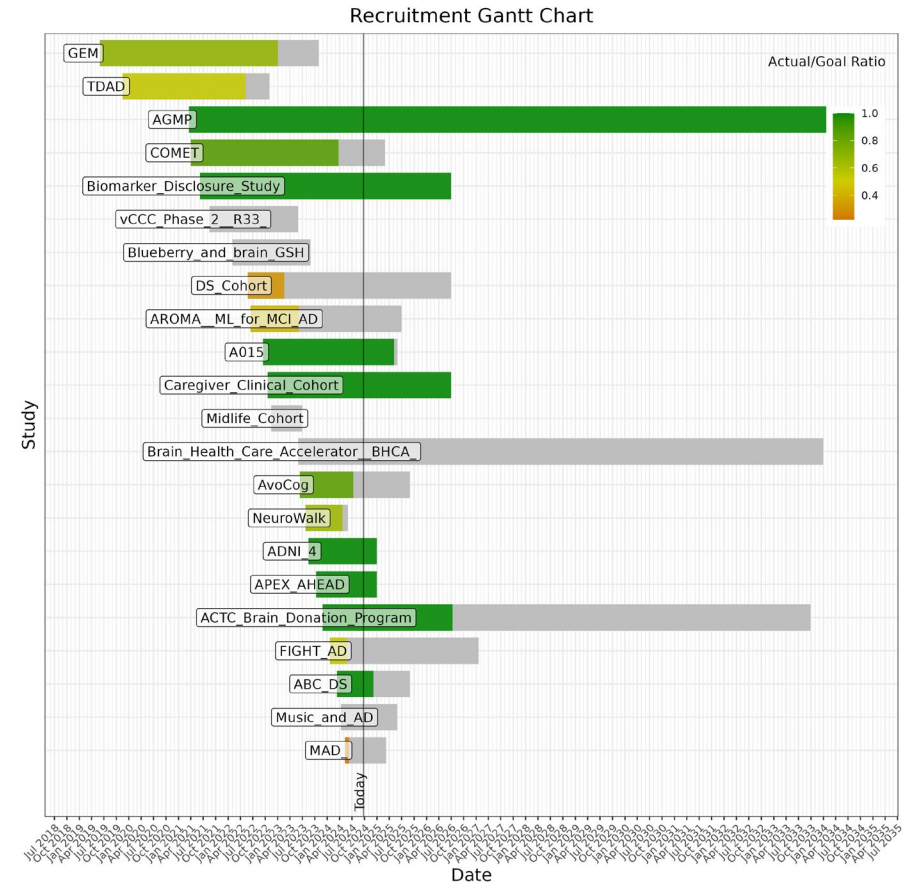

Annual Enrollment in KUADC Supported Studies as of 09-24-2024
Enrollment counts in graph are for any ADC study (not BAP, GeneMatch, or APP).
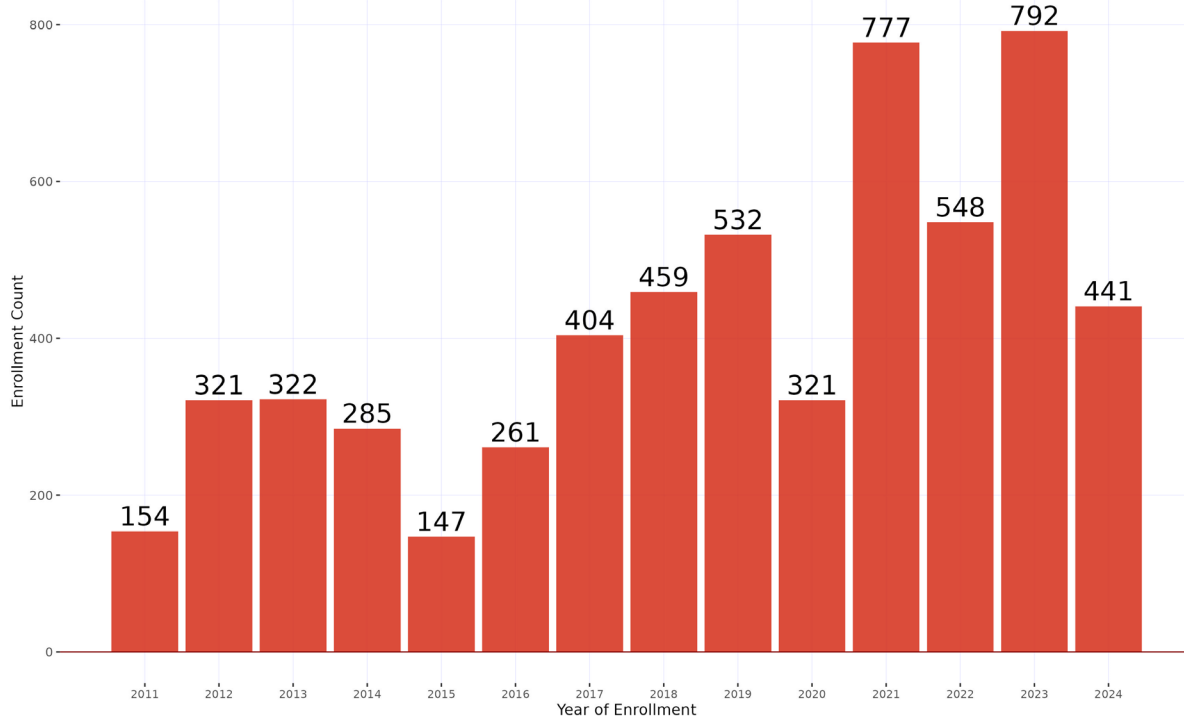
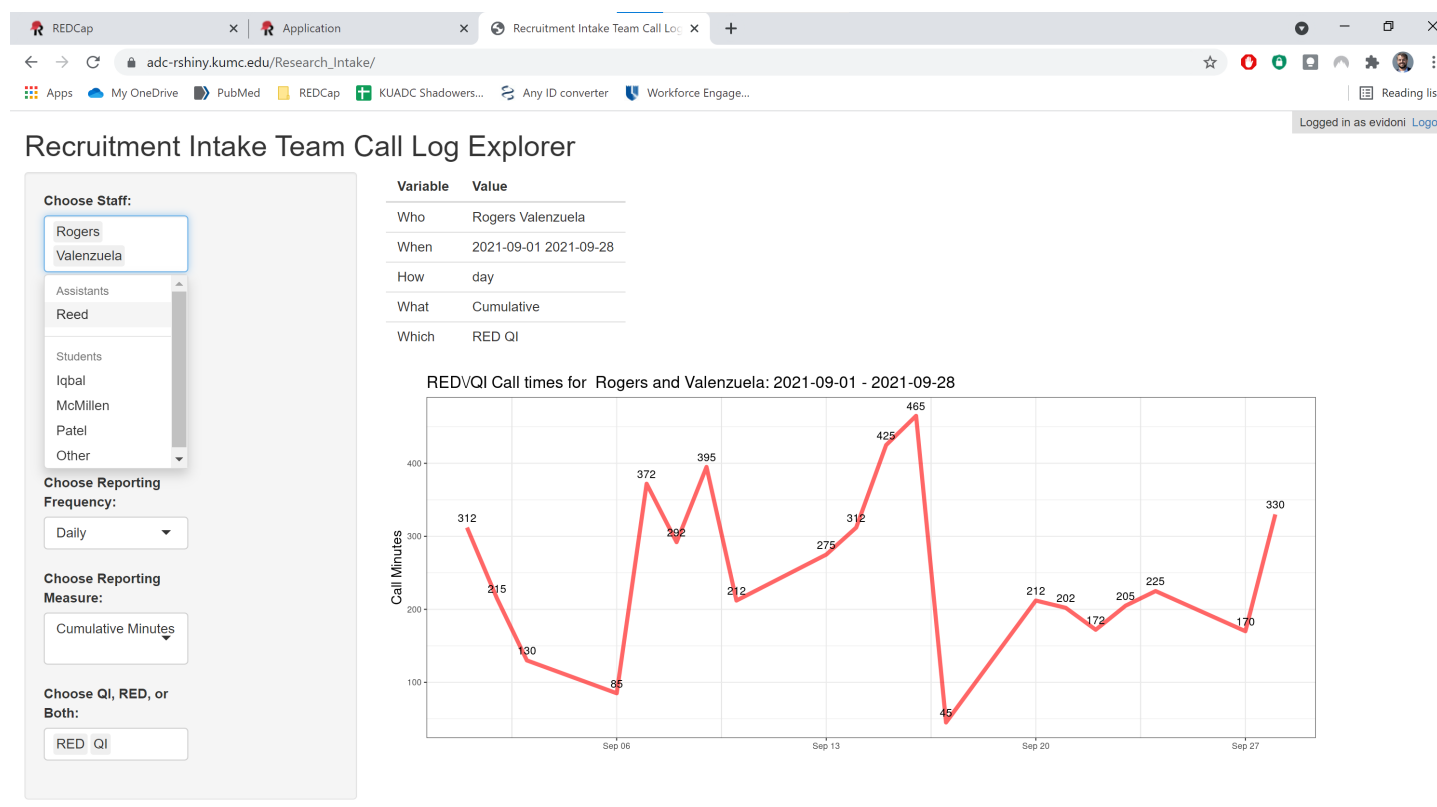The current year's count includes information from September.

Recruitment Gantt Chart

Monitoring Activity and Efficiency

- Provides data for quantifying central recruitment activity

PROMpT Beyond KU ADRC

- PROMpT innovation and inspiration
  - Vanderbilt's PITCH
  - University of Washington

- Participant Dashboard Portal

- Potential Central PROMpT / U(R)DS for all ADRCs

Data Allows Us to…

- Centralize recruitment across ADRC studies
- Fill research studies efficiently
- Make data-driven decision
- Streamline communication between ORE and study teams
- Enhance customer service experience
- Provide regular and accessible reporting
- Monetize ORE services
- Standardize processes and functions