

GPC LEC, Thursday, October 21, 2021, 11am, PI Session

Russ Waitman, MU

Proposing Priority Areas for GPC Competitiveness

Context: next 3-year funding cycle beginning 1/1/2022

AGENDA

- Data Expansion
- Data Linkage
 - Using Datavant and/or Snowflake
 - Partnering with non-profits and industry
 - Partnering with payors
- Deeper health system engagement
 - Jim McClay – Nebraska
 - Need to socialize with our health systems better so they understand how integral their partnership is to research
 - Frustration among PIs that they can't move forward due to health system barriers
- EHR-REDCap integration using FHIR at vanguard sites
 - San Antonio is already live on this tech
 - Utah is pursuing
 - Major challenge is cost
- GROUSE
 - New Snowflake-hosted environment is more robust
 - Led by Dr. Song at MU
 - Looking for new projects to leverage this data environment
- Coordinating Center Scopes – 3 year funding period
 - Have one year to spin up and two years to demonstrate value
 - New CCs will be broken into functional “chunks”
 - Scope 2 – if GPC was awarded
 - Focus on cross network collaboration
 - Scope 3 – Leveraging CDM, Project feasibility, Query design
 - HEDWIG includes GPC sites
 - PATRONUS includes MU with CHOP leading
 - Develop data visualizations to help interpret data quality
 - Scope 5 – Engagement
 - Includes MU, San Antonio with Vanderbilt/STAR leading
 - Not just patients, also includes health systems and network partners

DISCUSSION

Betsy Chrischilles – Iowa

- Use NET-PRO as demonstration for broader engagement within and across networks
 - Prospective enrollment of patients with neuro-endocrine tumors
 - Funded under rare disease initiative
 - Multi-network project
 - PRO and EHR data collection
 - Strengthen and leverage CDM Tumor Table
 - Would like to see ancillary studies stem from this effort

- Rachel Hess – Utah
 - Struggling with NAACCR v21 infrastructure, please be aware that this could be limiting
 - Betsy suggests bringing site dev experts together to create a workable path forward
- Russ Waitman – MU
 - What other data might be needed? Genomics?
 - Betsy agrees, genomics is a great example of an ancillary study
- Kelly Rickman from Iowa has high interest in Maternal Mental Health studies
 - Could we help develop a cross network focus group in this area?
 - Mom-baby linkage is a data priority for this type of work

Russ Waitman – MU – Expansion: Data/Methods/Project Topics

- BP Control – do we want to scale the existing project - VCCC - to explore different angles of the topic
 - Leverage patient reported BP values and incorporate into CDM
 - Betsy, Iowa has an investigator working directly with patients
- Diego Mazzati is interested in Sleep Studies, CPAP data integration
- Meredith Zozus emphasized bolstering data quality and prospective recruitment to show we are worthy of additional funding
- Molly Conroy – Utah
 - Starting year 2 on RCT project, weight loss intervention leveraging Epic tools, encouraging patients to self-monitor
 - Device integration is on wish list
 - Would like to expand sites
 - Chronic disease/obesity management, preventing weight gain relapse
 - Engage primary care clinicians as valued research partners vs. inundating them with requests
 - Per Russ, we can leverage GROUSE because we already have CMS approval to re-use data for this topic
 - Includes well designed, theoretically based, and initial RCT promising coaching and support
 - maintain3—dissemination could be a fun GPC project
- Albert Lai & Joy Balls-Berry – Wash U
 - Priorities include health equity and training UP persons to pursue data science
- Elmer Bernstam – Houston
 - Focus on methods, esp. phenotyping
 - Current repositories are study specific, but not necessarily a valid definition of a condition broadly
 - Would like to develop a phenotype library
 - Hard to be all things to all people, so focus on areas of expertise
- Meredith Zozus – San Antonio
 - Offering a subscription platform for data WITH ability to go back to sites to validate phenotypes would be REALLY powerful !!!!!!!!!!!!!
- Lindsay Cowell – UTSW
 - Would like to focus on Infectious Disease, e.g., antibiotic resistance
 - Also interesting in autoimmune disease
 - Happy to lead brainstorming efforts for both of these areas

- Currently collaborating with other Texas sites on phenotyping, would like to scale up these efforts
- Russ - AstraZeneca COPD trial
 - Are there sites who might be interested in this w/r/t Datavant patient matching to scale up effort?
 - Nebraska is interested
- Rick Barohn – MU
 - Submitted LOI for BEAT CSPN
 - Interest in CER to find agents that lower lipids with the least muscle toxicity