Trial Innovation Network-Accomplishments to Date

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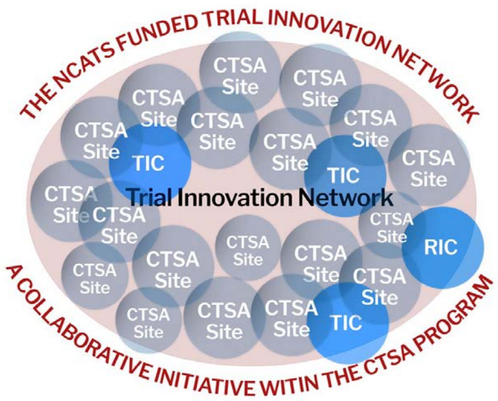
Vision and Mission

The vision for the Trial Innovation Network is to innovatively address critical roadblocks in clinical research and accelerate the translation of novel interventions into life-saving therapies.

The TIN is a collaborative national network that focuses on operational innovation, operational excellence and collaboration and will leverage the expertise and resources of the CTSA Program. The Trial Innovation Network will feature a central IRB system, master contracting agreements, quality by design approaches, and a focus on evidence-based strategies to participant engagement, recruitment, and retention.

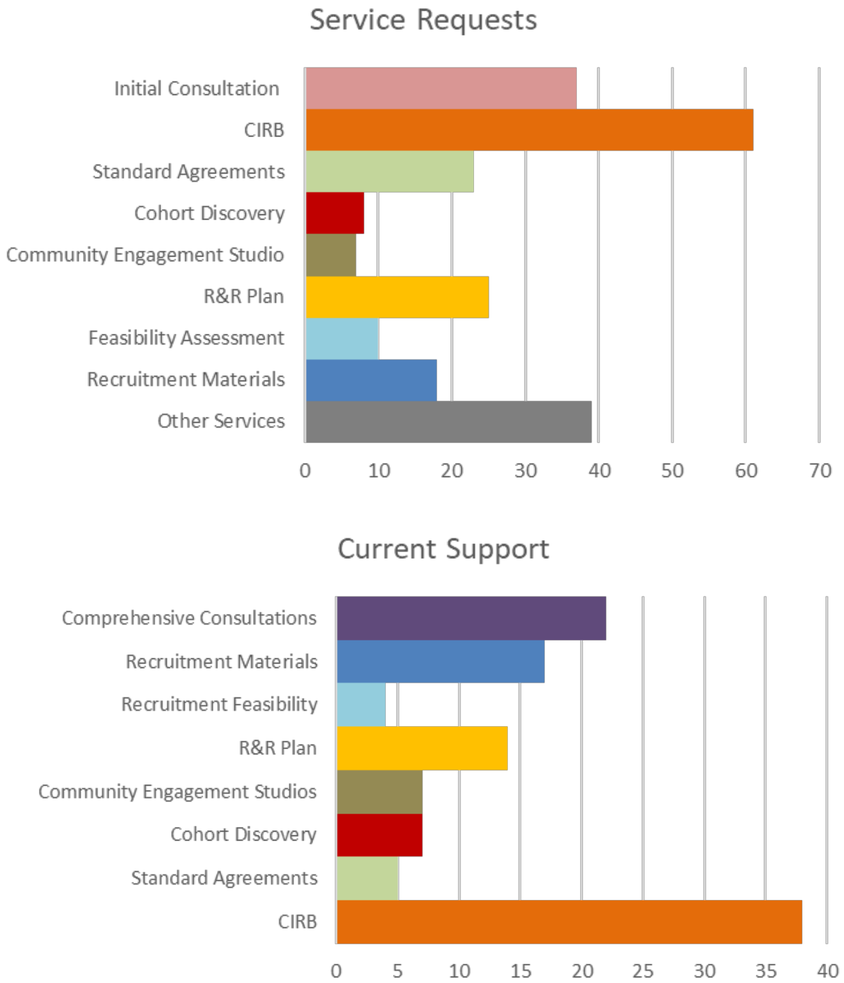


Trial Innovation Network: A *Part of the Larger CTSA Program*

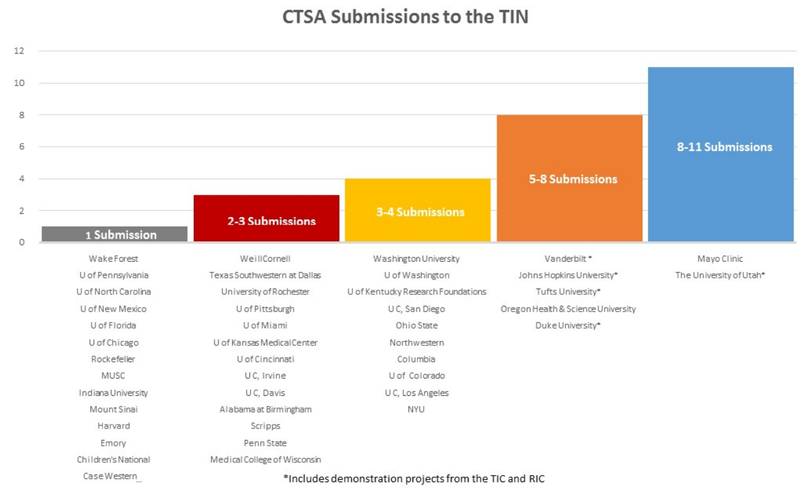
Efforts to Date

Snapshot of Current Work

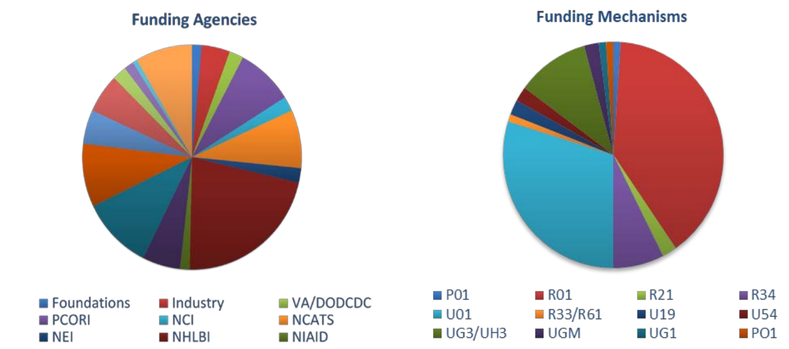
10/26/16	147	49
First Submission	Submissions to Date	Institutions Represented



Network Participation



*Includes demonstration projects from the TIC and RIC



Submissions have been associated with diverse types of funding agencies and applications

Targeted Operations

Standard Agreements

- **Umbrella CDA =** 57/64 CTSAs
- **FDP CTSA =** 63/64 CTSAs

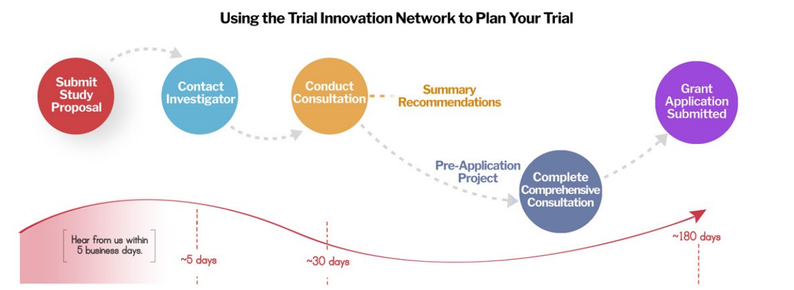
Central IRB

- **Studies supported =** 38
- **Participating sites =** 458

Recruitment/Retention Support

- **Apps** for clinicians & participants
- **Tools** for identifying competing studies
- **Cohort discovery** & **EHR alerts**

Timelines



Feedback

Responses to the Initial Consultation Satisfaction Survey

At the end of each initial consult, a satisfaction survey was sent to the submitting PI. 27% of PIs responded to the survey with 80% of responses indicating that they "Strongly Agree" with the feedback and recommendations they received from the consult.

Most Valuable	Least Valuable
Outstanding input from experts across multiple disciplines.	Could not find a solution for working with the VA CIRB.
Comprehensive approach to addressing study requirements, excellent communication, organization, high level of expertise, and the genuine interest in our study.	Consult identified weaknesses in the original design, but did not find solutions.
Defining the specific aims of the project.	Needed to provide a lot of information and have a lot of meetings.
Helped with central IRB challenges.	
Statistical consultation	

Innovation in Development

Identifying research-on-research opportunities and embedding operational hypothesis into study designs. Focus on:

- Study designs promoting faster translation
  - Metrics collection and data visualization
  - Novel designs-E2E and EE2
- New regulatory support
  - Platform to facilitate CIRB reliance
  - eConsent
- Accelerated study start up
  - Budget Development Tool
  - Evaluating use of FDP-CTSA and other agreements
  - Resources for study teams
- Site performance and optimization
  - Data capture from EHR into data systems
- Recruitment and retention optimization
  - Financial Incentive Tool
  - Clinical Workflow optimization

ACKNOWLEDGEMENTS: The Trial Innovation Network is supported by the National Center for Advancing Translational Sciences, National Institutes of Health, under award numbers U24TR001608, U24TR001597, U24TR001609, and U24TR001579