



Team Science: Rutgers University Ideation Forums Impact on Collaborative Research

**Jill Shah; Biju Parekkadan PhD; Raffaele Gigliotti PhD,
Edmund Lattime PhD; Nancy Reichman PhD**

Team science is known for collaborating on scientific challenges that requires disruptive thinking within teams filled with professionals from different avenues of education. We sought to use ideation forums as a means of intervention in creating teams to foster collaborative research in emerging areas, developing roadmaps for future federal grant proposals, and emphasizing bold and disruptive research thinking. Ideation forums are a place in which ideas are initiated and gathered on various research topics based on teams that conduct innovative thinking. The methodology used to identify themes consisted of selecting themes based on the metrics of how interdisciplinary they were and their connections to research centers. Team leaders were identified based on recommendations from research deans. Leaders later recognized individuals whom they wanted to be a part of their team. Approximately n=28 teams with around n=3 Rutgers faculty participating on each team were made across all 3 ideation forums. Data collection methods were used in order to compare funding amounts across themes, which was collected by the Office of Research and Innovation (ORI). The seed funding given by the ORI was approximately \$1,106,711 and helped give a start to n=6 themes to obtain even more external funding, approximately \$7,355,663, across all 3 ideation forums. The metrics used to pick themes as well as the process identified for teams to obtain seed funding proved to work when observing the data for funding amounts. Based on the results, we can report the importance of collaborating in teams and

working towards interdisciplinary research as it requires bold and disruptive thinking. of introducing collaboration and encouraging innovative thinking.

Team Science: Rutgers University's Ideation Forums Impact on Collaborative Research

