Thesis Outline:

* Need: Grand Challenges
* Solution: interdisciplinary research teams
* How to employ successfully interdisciplinary team? Collaboration, coordination, shared terminology, engage diverse research community
* Research need: determine if time, energy, and money spent on team support and teaming skills impacts team success outcomes.

Literature review:

1. What are characteristics of successful interdisciplinary research teams?

* Relationships
  + Engagement,
* Outcomes
  + Grants and awards
  + Increase in interdisciplinary research
  + Team longevity
  + Fulfilment of grand challenges mission
  + Intergration of team members (more connected networks)

1. Network Treatments

Methods:

Small Teams: The SNAP science of team science team consisted of (4 faculty from 4 disciplines, research administrator, librarian something, and a grad student [me]) who monitored # of interdisciplinary teams for \_\_ years from the initiation of team formation to identify team dynamics that related to team success. The efforts through the [IRA, grand challenge award, leadership] encourage and enhance collaborative, interdisciplinary research and scholarship.

Historical Grant Proposal Network: CUPID

Interviews:

Results: