[The Science of Team Science (SciTS)](#) is a rapidly growing cross-disciplinary field of study that aims to build an evidence-base of translational applications to help maximize the efficiency and effectiveness of team based research. The SciTS field is concerned with understanding and managing circumstances that facilitate or hinder the effectiveness of collaborative science, and evaluating the outcomes of collaborative science. Its principal units of analysis are the research, training, and community-based translational initiatives implemented by both public and private sector organizations.

This year's SciTS 2016 Conference includes a ½ day workshop designed to provide a clinical and translational science (CTS) "lens" through which to examine the interface of the SciTS field with emerging CTS-related topics and trends, including diversity in science teams, big data, citizen science, open data, and research networking.

½ Day Workshop
SciTS 101 through a CTS Lens - Moving Theory into Practice

In 2003 the NIH published the NIH Roadmap highlighting the need and importance of a multidisciplinary approach to science's increasingly complex problems. In 2006 the CTSA's were created to support and promote interdisciplinary science and NIH has been awarding competitive funding to multiple PIs ever since. There are now more than 60 CTSAs across the nation and the opportunities to educate, support, advance and assess the scientific workforce as well as accelerate scientific discovery, translation and implementation are multi-faceted.

This workshop brings together leaders in the field who are actively working through these challenges and creating opportunities, processes and systems to maximize the efficiency and impact of team based research.

- o How to define, measure and assess Team Science
    - For investigators, funding agencies, scholars, public, industry, policy makers, etc.
    - Collaborations, outcomes, duration, systems, personnel
- o How to incentivize it and reward it
    - Perspective in funding and policy
    - Promotion, tenure, academic advancement, funding, stability
- o What to expect from it – outcomes
    - Accelerate discovery – clinical trials – patient care
    - Advance innovations and novel methodologies
- o How to strengthen and advance it
    - Education and training (academic continuum and work force)
    - Team Science Success and Challenges