

# Assessment of Learning Modules Promoting Team Science Practices to the Translational Scientist

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## Objectives

Assess the value of promoting team science practices across a diverse clinical translational science community through the development of learning modules. Share lessons learned to help inform best practices for CTSA hubs interested in promoting team science.

## Methods

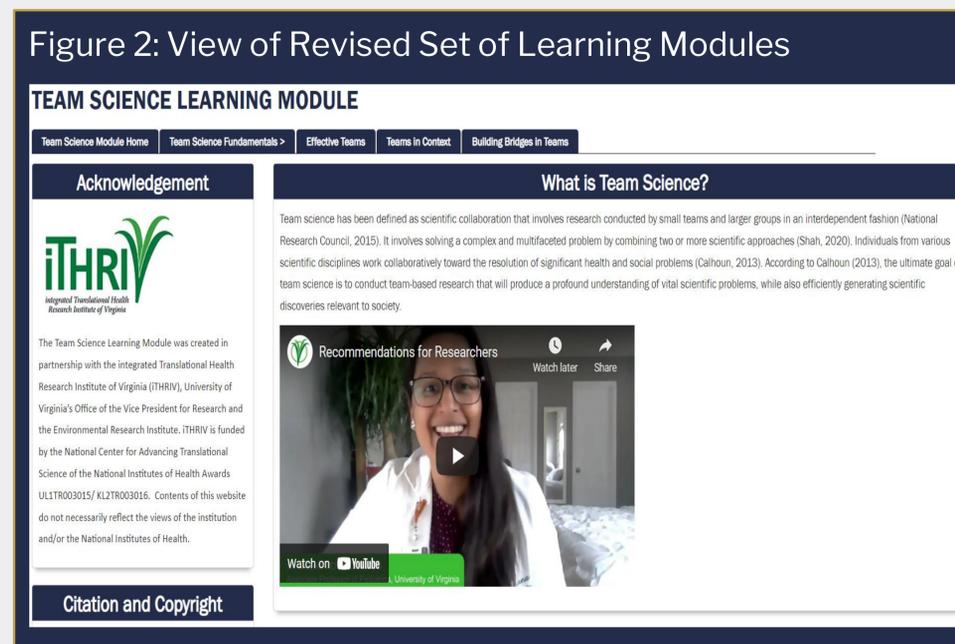
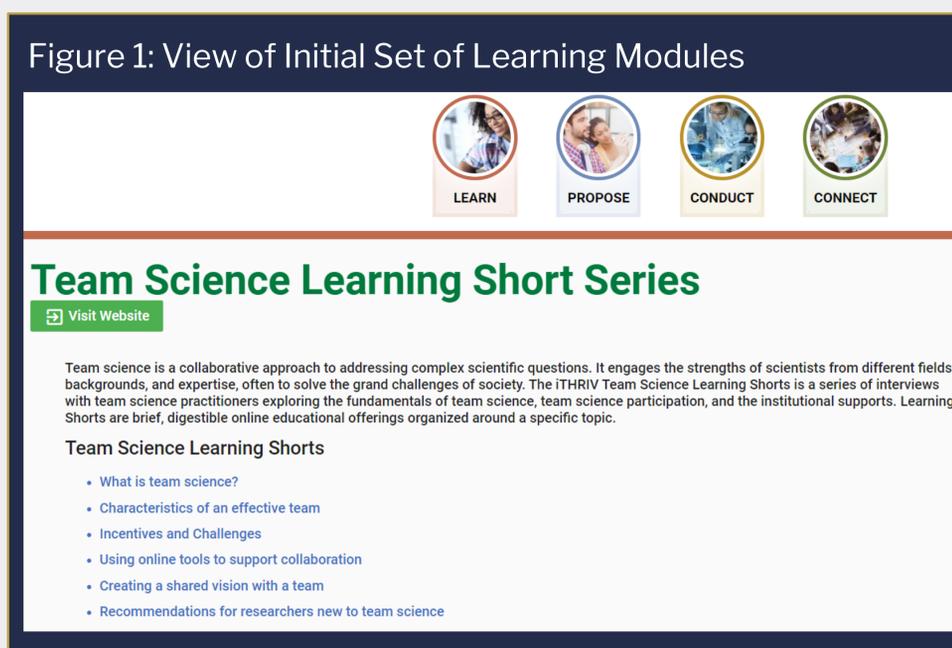
The integrated Translational Health Research Institute of Virginia (iTHRIV) created a series of self-paced learning modules focused on the science of team science, which included a variety of text and multimedia content (Figure 1). A preliminary assessment was conducted to determine the perceived value of six video team science Learning Shorts and to identify areas for improvement. Significant content revisions were completed based on respondent feedback (Figure 2). In March 2022, a focus group was held to solicit feedback to reassess the learning modules and to ensure that desired improvements were achieved.

## Results

The preliminary assessment identified the most effective aspects of the modules to be the variety and knowledge of speakers, diversity of topics, organization of the content, and appropriateness of length. Least effective aspects included a desire for more information in some content areas and not enough focus on the challenges of team science for junior faculty. Suggested areas for improvement include a desire for supplemental descriptive text, links to tools that enable teams to be productive, and additional examples from researchers. The focus group noted the substantial improvements made to the modules, including the addition of text content, more detail in content areas, and links to supplementary resources. Other feedback noted the need for standardization of video content and provided suggestions to improve the readability of the added text content. Additional recommendations included expanding sections on team building, the differences between team science and doing research in teams, and the impact of team science on promotion and tenure.

## Discussion

This project provides insights for CTSA hubs interested in promoting team science and best practices when developing learning modules. Results contribute to what is known about researchers' interest in learning about team science and the effectiveness of using online formats for delivery. We will incorporate continuous improvement cycles to gather future feedback, track improvements, and identify potential future direction for new content.



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