

Pitch 1: Converging on STEM Competencies for the Future Workforce

Identifying and mapping partnerships between industry and undergraduate STEM programs that can serve as guides and examples of highly effective models and can inform the work of the Roundtable in determining ways to deploy this knowledge across regional networks.

Pitch 2: Establishing Collaboratories to Develop and Build Change Agency

Going “beyond the choir” to support and develop new change agents, to foster innovative, collective change in a context-specific manner, and to identify ongoing efforts that inform the work of the Roundtable in determining what are the factors for change, and what change readiness looks like.

Pitch 3: Systems View for Change: The Canary in the Coal Mine

Creating a learning system to build the capacity of the Roundtable by establishing our understanding of systems thinking and its application to undergraduate STEM education through case studies around key issues, listening tours, research and coordinated messaging, and engaging and dialoguing with audiences and stakeholders around the value of higher education, and how we measure this.

Pitch 4: Bringing Incubated Projects into Larger Environments while Preserving Unique Factors

Helping institutions bring what is working well to scale, while maintaining the integrity, by hosting a series of workshops that convene those who have had success and those who haven't- using case models to ground the conversation with the goal of looking at internal, institutional scaling and establishing ways to move successful initiatives across institutions

Pitch 5: Project Being Explicit and Intentional about Transferable Skills (BIETS)

Equipping students with the desired skillset(s) for workforce employment by considering the “DNA” of our institutions and how this influences the teaching of these skills to students via faculty mentors, and by pulling together successful models to assess the value proposition inherent to these models that can potentially be incorporated into classes and explicitly linked back to the workforce.

Pitch 6: Democratizing Access and Transformative Models

Establishing a learning environment for training that concretely supports multicultural competencies and displaces negative elements (e.g., bias, stereotype threat, micro/macro aggression) with inclusiveness, access, affirmation, respect and dignity, which potentially have greater implications for student retention and the relevance of higher education in the future than the quality of the curriculum.