

The TCUP Hub-Hosted Institutional, Economic, and Community Indicators (THIECI) Interactive Dashboard

Presentation at the TCUP Leaders' Forum

October 10, 2026

Westat, RAND, BCT Partners, Clarivate, ImaginED
Partners, Education Northwest, and Mekinak Consulting

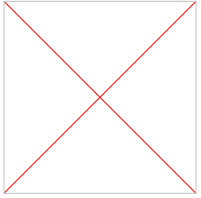
Presentation Intended Outcomes

- Learned about the purpose and goals of the THIECI project.
- Addressed any initial questions from the TCUP community about the project, including engagement opportunities.

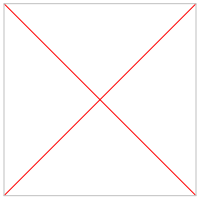
Project Outcomes

- The THIECI interactive dashboard will support TCUP institutions in **strengthening STEM teaching, STEM research, and STEM education research** that are important to **Tribal and Native communities**, including those connected to environmental quality, economic development, and community well-being.
- The longitudinal trends displayed on this dashboard will enable the U.S. National Science Foundation and other interested parties to document the **institutional, economic, and community gains** associated with TCUP funding.

Project Goals



Develop and refine an inventory of TCUP indicators and corresponding data collection strategies



Reach consensus on specific institutional, economic, and community indicators that should be highlighted on the dashboard

Grounded in Needs and Opportunities

- The 2025 TCUP Leaders Forum allowed our project team to engage in important needs sensing about the practical value of a dashboard of leading indicators:
 - “A TCUP dashboard would help to inform new program creation and/or existing program revisions”
 - “Perhaps the mentioned dashboard can have data on academics, retention, and success... It seems like we need accessible information about grants, highlights, and who's doing what so we can learn about what works and know who to contact.”

Examples of Potential THIECI Indicators

- **Institutional**

- STEM offerings (e.g., degree offerings, fields of study)
- STEM faculty research productivity and collaboration with other researchers

- **Economic**

- Graduates' post-college earnings
- Labor force participation/occupational employment

- **Community**

- Increased family and kinship engagement in career pathways
- Graduates remain in or return to their community after graduation (i.e., www.westat.com)

THIECI Engagement Process

1. A **Technical Working Group** (TWG) will provide insights and feedback on the literature review and inventory of TCUP indicators, and will engage in a series of collaborative sessions to provide feedback on content, design, and dissemination.
2. Throughout project, the THIECI Team will host a series of **virtual and in-person sessions** to obtain feedback and guidance from TCUP grant recipients and other interested parties.

Coming Soon

- Outreach for participating in the TWG
- More information about the THIECI Interactive Dashboard via the TCUP Hub website



Conference photo by Scott Morgan.

Photo from the 2014 Leaders' Forum Report

Questions?

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