Afterschool & STEM System Building Evaluation
Fostering Science Interest Among Young People Across the Nation

The Afterschool & Science, Technology, Engineering, and Math (STEM) System Building Evaluation is a nation-wide capacity-building project that aspires to change the quantity and quality of STEM offerings to young people enrolled in informal science programs across the U.S.

PEAR/Harvard and IMMAP/TTU will be partnering with 11 State Afterschool Networks and 150 STEM programs to evaluate youth outcomes in STEM and 21st Century skills. This initiative is made possible with funding and assistance from the C.S. Mott Foundation and STEM Next at USD (formerly the Noyce Foundation).

The Common Instrument Suite Survey Measures:
1. Interest and engagement in science-related activities
2. Knowledge and interest in science-related careers
3. 21st Century skills, including critical thinking, perseverance, and cooperation
4. Science identity and motivation to do science

Incentives for Program Participation:
• Portable, Wi-Fi -enabled tablets
• Training and resources for the survey and observation tools
• Individualized data report for program improvement and advocacy work

Criteria for Program Participation:
• Program delivers STEM programming for 1-2+ hours/week for about 4 weeks or more
• Program serves youth in Grade 5 and above*
• Staff willing to administer one end-of-program survey with tablets
• Staff willing to be observed 1-2 times by DoS professional

*Younger grades may be considered if using a read aloud protocol, one-on-one or small groups

For more information about this evaluation, please contact your state afterschool network lead or Dr. Eriko Fukuda – IMMAP (eriko.fukuda@ttu.edu) or Dr. Patty Allen – PEAR (pallen@mclean.harvard.edu)