

TCUP STRANDS (NSF 21-595)

AS OF 11/14/2025; subject to change

- **ICE-TI (Instructional Capacity Excellence in TCUP Institutions)**
 - April 1, \$2.5M, 5y
- **TSIP (Targeted STEM Infusion Projects)**
 - April 1, \$500,000, 3y
- **TEA Centers (TCUP Enterprise Advancement Centers)**
 - June 1, \$3.5M, 5y, renewal
- **TSETS (TCUP for Secondary & Elementary Teachers in STEM)**
 - Sept 1, \$1.75M, 5y
- **SGR (Small Grants for Research)**
 - Jan 11, \$200K, 2y
- **TCUP Partnerships**
 - No deadline, Max \$5M, \$825K/inst (up to \$165K/inst/y)
- **CHAI (Cyberinfrastructure Health, Assistance, and Improvements)**
 - No deadline, \$250K, 1y
- **Pre-TI (Preparing for TCUP Implementation)**
 - No deadline, \$150K, 2y

TCUP SUPPORTS

- Capacity Building
 - STEM Degree Development
 - Infrastructure
- Lab Renovations
 - STEM Faculty
 - Research
 - Planning
 - Partnerships & Transfers
- In-service Teacher Training
 - STEM Students
- Community STEM Programming
 - Cybersecurity
- Research/Grants Office Development

Leveraging TCUP: Strands and Other Funding Opportunities

Advanced Technological Education (ATE): supports workforce development for the high-tech fields. The program supports partnerships between academic institutions (grades 7-12, IHEs), industry, and economic development.

- Due on the first Thursday in October
- Track 1: Small Scale Projects: Maximum budget of \$475,000 over three years
- Track 2: ATE Projects: Maximum budget of \$1,000,000 over three years
- Estimated Number of Awards: 45 to 80

Improving Undergraduate STEM Education (IUSE: EDU): seeks to promote creative and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students.

IUSE supports projects that seek to bring recent advances in STEM knowledge into undergraduate education, that adapt, improve, and incorporate evidence-based practices into STEM teaching, and encourages replication of research studies at different types of institutions and with different student bodies.

- Different Due Dates based on Track
- Track 1: Engaged Student Learning: Maximum budget & duration is based on one of three levels
- Track 2: Institutional and Community Transformation: Maximum budget & duration is based on one of two levels
- Estimated Number of Awards: 135

TCUP institutions could be very competitive in IUSE

NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM): is to enable talented, low-income students to pursue successful careers STEM fields. S-STEM provides awards to institutions of higher education not only to fund scholarships, but also to adapt, implement, and study evidence-based curricular and co-curricular[a] activities proven effective to increase student success.

- Supports Associate to Ph.D. programs
- Does not support programs in Business, Clinical/Health, and teacher education
- Maximum budget is based on one of two levels, from \$2 to \$5 million over a six-year project
- Estimated Number of Awards: 40 to 60