

stEm PEER Academy

ENGINEERING
PLUS

An NSF INCLUDES Alliance
Partnerships Launching Underrepresented Students

“Be the change you want
to see in the world.”

-Mahatma Gandhi

<https://engplusalliance.northeastern.edu>

Are you a professional engaged and driven to improving the preparation, participation, contributions, and workforce development of students in science and engineering? Would you like to join a community of like-minded professionals committed to and with the resources to change our national engineering landscape? If so, we encourage you to apply to the Engineering PLUS Alliance stEm* PEER** Academy.

*E is for our Engineering focus

**Practitioners Enhancing Engineering Regionally

stEm PEERs will engage in a 2+ year professional development and research experience to support the design and implementation of an engineering-focused Implementation Project at their home institution.



PEERs will have the opportunity to learn and engage with program experts, researchers, and practitioners. Throughout the 2-year engagement, participants will deepen their knowledge and understanding of the challenges and successful strategies guiding

the transformation of our national engineering and engineering technology landscape. PEERs will utilize data and assessment to develop an **Action Plan** that will inform their specific implementation efforts at their respective institutions and beyond. PEERs will also be guided and supported to submit project outcomes as publications to ASEE and other national networks to inform future collaborations and program efforts. PEERs will launch a growing national community of engineering education leaders.

Each program participant will receive a \$1,000 stipend to support their participation and continued engagement in this 2+ year effort.

Applications due: April 1, 2025

Virtual Orientation: April 29, 2025 12pm-1pm (ET)

Virtual Academy: 11am-2pm (ET) May 20, 21, 27, 28; June 3, 4

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INCLUDES
(Inclusion
Across
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Nation of



Communities of Learners of Underrepresented Discoverers in Engineering and Science) Program.

NSF INCLUDES is a national initiative to strengthen U.S. global leadership in Science, Technology, Engineering and Mathematics (STEM) and reaping the benefits of an expanded and innovative workforce.

The Engineering PLUS Alliance seeks to train, empower, resource and support a national network of stEm PEERs (educational change agents) who will accelerate implementation of high-impact, evidence-based practices to increase the number of engineering and engineering technology degrees awarded annually.

Key Dates:

Applications: open December 1, 2024

Application Deadline: April 1, 2025

Notification of Acceptance: April 17, 2025

Virtual Orientation: April 29, 2025 12-1pm (ET)

Data Workshop: May 6, 2025 12-1:30pm (ET)

Virtual Institute: 11am-2 pm (ET) May 20, 21, 27, 28, June 3 & 4

Monthly: Attend virtual 60 min sessions & complete required program updates (August 2025 – May 2026)

Required Documents: Resume, 2 Recommendation Letters, and 1-2 page Essay in response to the following questions:

"What is one evidence-based strategy or program that has the potential to be most beneficial for increasing the recruitment, retention, and/or degree completion of students in engineering and engineering technology?"

"How could you implement this strategy or program at your own institution?"



Apply Here

Objectives of stEm PEER Academy:

- 1 Understand the engineering education pathway landscape with an emphasis on student success.
- 2 Utilize data (IPEDS, etc) to inform your program efforts.
- 3 Engage in models, interventions, and evidence-based practices that have been proven to support engineering and engineering technology degree attainment for all students.
- 4 Build partnerships to engage stakeholders at your institution, region and nationwide.
- 5 Develop an Action Plan to implement at your institution (or with other institutions) during the 2025 - 2027 academic years.



For More Information



web: engplusalliance.northeastern.edu