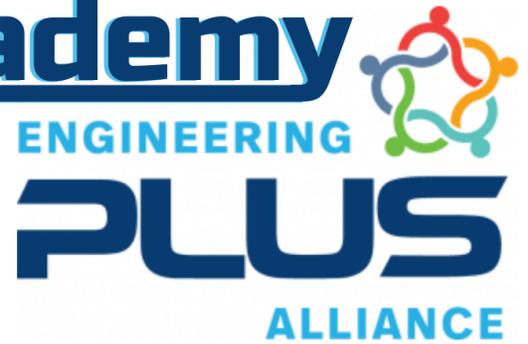


# stEm PEER Academy



**"Be the change you want to see in the world."**

**-Mahatma Gandhi**

Are you a mid-career education professional engaged or driven to improving the preparation, participation, and contributions of those underrepresented in science and engineering? Would you like to join a community of like minded professionals committed to and with the resources to change the face of our national engineering landscape? If so, we encourage you to apply to the NSF INCLUDES Engineering PLUS (Partnerships Launching Underrepresented Students) Alliance stEm (E for our Engineering focus) PEER (Practitioners Enhancing Engineering Regionally) Academy.

stEm PEERs will engage in a 2-year professional development and research experience to support the design and implementation of a Capstone project at their home institutions, with the institution's support. 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 transformation of our national Engineering landscape. In addition, participants will utilize data and assessment to inform not only their specific CAPSTONE projects but to support and inform implementation of synergistic program efforts at their respective institutions and beyond. PEERs will be guided and supported to submit project outcomes as publications to LSAMP, ASEE and/or the National INCLUDES Network to inform future broadening participation collaborations. PEERs will launch a growing community of engineering education equity leaders.

**Travel, housing and meals will be provided. Additionally, each program participant will receive a \$1,000 stipend to support their participation and continued engagement in this effort.**

Engineering PLUS is funded by the National Science Foundation (NSF) as a part of the NSF INCLUDES (Inclusion Across the 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 by broadening participation in Science, Technology, Engineering and Mathematics (STEM) and thereby reaping the benefits of a more diverse, 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 degrees awarded to women and BIPOC (Black, Indigenous, and Other People of Color) nationally.

## Key Dates:

**Applications:** Open January 18, 2022

**Deadline:** March 1, 2022

**Notification:** Accepted applicants will be notified no later than April 1st, 2022.

**Orientation:** Attend a virtual Orientation, TBD

**Institute:** Attend the June 5-9: Week-long PEER Academy Boston, MA (In-person/Covid permitting)

**Monthly:** Attend virtual ½ day sessions and complete required program updates (specific dates/times to be determined)

**Required Documents:** Resume, 2 Recommendations, and essay in response to the following question: *“What is one evidence-based strategy or program that you believe has the potential to be most beneficial for this population of students? How could you implement this strategy or program to your own institution?”*

## The stEm PEER Academy will investigate the following topics:

- 1 Understanding the Engineering Education Pathway Landscape with emphasis on Diversity, Equity and Inclusion.
- 2 Models and interventions that work for women and BIPOC students to enroll and facilitate degree attainment.
- 3 Building partnerships/engagement of stakeholders
- 4 Planning, implementing and assessing, and scaling the Capstone project.



**Apply Here:**

<https://www.surveymonkey.com/r/STEMPEERACADEMY2022>

