

Application material instructions

- **Teaching Statement.** Write 1-2 pages, single spaced narrative that includes:
 - A personal vision for teaching and learning.
 - A description of teaching strategies or approaches for which you received training or have implemented.
 - Justification for those strategies, focusing on evidence-based practice, highlighting how to achieve an effective learning environment for all students regardless of their backgrounds, expectations, and needs.
- **Research Statement.** Write 1-2 pages, single spaced narrative that includes:
 - Your research questions and their importance; how your research contributes to your field
 - Research plan and future research directions
 - Identify potential collaborations and funding sources
 - Broader impacts of your research (the potential to benefit society and contribute to the achievement of specific, desired societal outcomes)
 - Plan for student engagement in your research program including efforts to broaden participation of groups identified by NSF as historically underrepresented in STEM
 - If your research examines the intersectionality of engineering and social inequities, please explain how.
- **Mentoring Statement.** Write 1-2 pages, double spaced narrative that includes:
 - Your mentoring philosophy
 - Describe previous mentoring training and/or experience if applicable
 - State mentoring skills you consider fundamental, including those necessary to effectively mentor students with different cultural backgrounds and those belonging to groups identified by NSF as historically underrepresented in STEM.