



**Teaching and Mentoring Statement.** Write 2-3 pages, single spaced narrative that includes:

- **Teaching**
  - 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.
- **Mentoring**
  - Your mentoring philosophy
  - Describe previous mentoring training and/or experience
  - 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.

**Research Statement.** Write 3-5 pages (including figures and references), 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.

**Values Statement.** Write 1-2 pages, single spaced narrative about efforts in your research, teaching, and/or outreach and engagement that reflect Ohio State's Shared Values and that might further advance our mission and institutional excellence.

The Ohio State University's [Shared Values](#) include Excellence and Impact, Diversity and Innovation, Inclusion and Equity, Care and Compassion, and Integrity and Respect. Our university community welcomes differences, encourages open-minded exploration and courageous thinking, and upholds freedom of expression. We define diversity broadly and value multiple dimensions of diversity including, but not limited to demographic, religion, country of origin, perspective, ability status, and background.

Ohio State prides itself on welcoming a wide range of viewpoints and providing opportunities for all to deepen and develop their intellectual curiosities. As a land-grant university, we recognize and understand that a diverse faculty, staff, and student body in which all may engage in open dialogue, be exposed to new ideas and perspectives, belong, and feel valued and included is essential to our efforts in meeting our mission of academic excellence and public service.