IDENTIFYING YOUR NSF PROJECT'S INTELLECTUAL MERIT AND BROADER IMPACTS

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INTELLECTUAL MERIT and **BROADER IMPACTS** are the criteria that the National Science Foundation uses to assess the potential of proposed work and results of previously funded work. This worksheet is intended to help project leaders and evaluators identify (a) the full range of a project's achievements related to these criteria and (b) available evidence of these achievements or what gaps in evidence need to be filled.

INTELLECTUAL MERIT: Advances in Knowledge

IS YOUR PROJECT …	WHAT ARE YOUR PROJECT'S ACHIEVEMENTS IN THIS AREA?	DO YOU HAVE EVIDENCE?	WHAT IS YOUR EVIDENCE?
☐ advancing knowledge? (generating new knowledge or improved understanding)		☐ Yes ☐ Somewhat ☐ No	
☐ innovative? (using novel research methods or investigating a novel topic to better understand an aspect of STEM education)		☐ Yes ☐ Somewhat ☐ No	
☐ transformative? (bringing about extraordinary, revolutionary changes in the way challenges are addressed in STEM)		☐ Yes ☐ Somewhat ☐ No	

BROADER IMPACT WORKSHEET IS ON NEXT PAGE →

BROADER IMPACTS: Benefit to society and contributions to desirable societal outcomes

IS YOUR PROJECT …	WHAT ARE YOUR PROJECT'S ACHIEVEMENTS IN THIS AREA?	DO YOU HAVE EVIDENCE?	WHAT IS YOUR EVIDENCE?
☐ serving groups that have historically been underrepresented in STEM?[†]		☐ Yes ☐ Somewhat ☐ No	
☐ improving STEM education?		☐ Yes ☐ Somewhat ☐ No	
☐ contributing to the development of a diverse, globally competitive STEM workforce?		☐ Yes ☐ Somewhat ☐ No	
☐ increasing partnerships between academia, industry, and others?		☐ Yes ☐ Somewhat ☐ No	
☐ increasing economic competitiveness of the United States?		☐ Yes ☐ Somewhat ☐ No	
☐ enhancing infrastructure for research and education?		☐ Yes ☐ Somewhat ☐ No	
☐ doing other things to make your college/ community/region/ country/world a better place?		☐ Yes ☐ Somewhat ☐ No	

[†] Includes women; persons with disabilities; racial/ethnic minorities, not including Asians or Asian Americans.