



FY 2010 Appropriations Priorities

	House Report Language	Senate Report Language
NSF -- Education and Human Resources Directorate	<p><i>The Foundation's Education and Human Resources activities support all levels of education and training from pre-Kindergarten through career development; promote public understanding of science, mathematics, engineering and technology; and ensure the United States has world-class scientists, mathematicians and engineers. This appropriation supports a cohesive and comprehensive set of activities that encompass every level of education and every region of the country. The major components of this directorate include research and learning in formal and informal settings; undergraduate education; graduate education; and human resource development. The Committee recommendation provides \$862,900,000 for education and human resources, an increase of \$17,640,000 over the fiscal year 2009 enacted level and \$5,140,000 above the budget request. The recommendation includes adjustments to the budget request for the specific programs, as follows:</i></p> <p><i>Discovery research K-12 +\$20,000,000</i> <i>Research and evaluation on education in science and engineering +\$5,000,000</i> <i>Course, curriculum and laboratory improvement +\$5,000,000</i> <i>STEM talent expansion program +\$2,560,000</i> <i>Robert Noyce scholarship program +\$10,000,000</i> <i>Advanced technology education - \$41,600,000</i> <i>Math and science partnership +\$2,780,000</i></p>	<p><i>The education and human resources appropriation supports a comprehensive set of programs across all levels of education in science, technology, engineering and mathematics [STEM]. The appropriation supports activities that unite school districts with institutions of higher learning to improve precollege education. Other precollege activities include the development of the next generation of precollege STEM education leaders; instructional materials; and the STEM instructional workforce. Undergraduate activities support curriculum, laboratory, and instructional improvement; expand the STEM talent pool; attract STEM participants to teaching; augment advanced technological education at 2-year colleges; and develop dissemination tools. Graduate support is directed to research and teaching fellowships and traineeships and instructional workforce improvement by linking precollege systems with higher education. Programs also seek to broaden the participation of groups underrepresented in the STEM enterprise, build State and regional capacity to compete successfully for research funding, and promote informal science education. Ongoing evaluation efforts and research on learning strengthen the base for these programs. The Committee strongly</i></p>

	<p><i>Tribal colleges and universities +\$1,400,000</i></p>	<p><i>encourages NSF to continue support for undergraduate science and engineering education. At a time when enrollment in STEM fields of study continues to decline, it is important that NSF use its position to support students working towards degrees in these areas.</i></p>
<p><i>NSF – Division of Mathematical Sciences</i></p>	<p><i>The Research and Related Activities appropriation enables the United States to provide leadership and promote progress across the expanding frontiers of scientific and engineering research and education. This appropriation provides resources for NSF's major research activities, which include biological sciences, computer and information science and engineering; engineering; geosciences; <u>mathematical and physical sciences</u>; social, behavioral, and economic sciences.</i></p>	<p><i>The Foundation's discipline-oriented Research and Related Activities account include: Biological Sciences; Computer and Information Science and Engineering; Engineering; Geosciences; <u>Mathematical and Physical Sciences</u>; Social, Behavioral and Economic Sciences.</i></p>