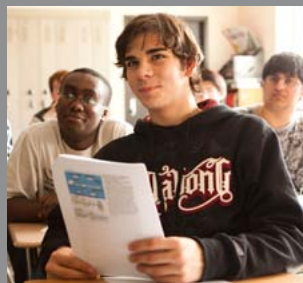


# The STEM Gender Gap

NATIONAL  
MATH + SCIENCE

An International study showed that 70% of over half a million people harbor implicit stereotypes associating science with males more than with females. Moreover, in countries whose citizens stereotyped most strongly, boys achieved at a higher level in eighth-grade science and math.<sup>1</sup>



**3<sup>rd</sup>** largest  
gender gap  
in science



Out of the 54 countries where males scored higher than females on a mathematics test administered by PISA, the US had the 6th largest gap between scores. In science the U.S. had the 3rd largest gap.<sup>2</sup>



At the undergraduate level, 2.5 million women hold STEM degrees compared with 6.7 million men.<sup>2</sup>

Women comprise 48% of the U.S. workforce but just 24% of STEM workers.<sup>3</sup>



For every dollar earned by a man in STEM, a woman earns 14 cents (or 14 percent) less, smaller than the 21 percent gender wage gap in non-STEM occupations, but a clear gender disparity nonetheless.<sup>4</sup>



## Sources:

1. PNAS, "National Differences in Gender" 2009
2. U.S. Department of Commerce, "Women in STEM: A Gender Gap to Innovation" 2011
3. National Center for Education Statistics, "The Nation's Report Card Science 2009"
4. OECD, "PISA 2009 Results: What Students Know and Can Do - Student Performance in Reading, Mathematics and Science"