

Focus on

COUNSELORS

Initiative™



N A P E
National Alliance for
Partnerships in Equity
STEM Equity Pipeline

The Issue

Careers in Science, Technology, Engineering, and Math (STEM) are in demand, yet largely misunderstood by the general public.

Pathways to STEM careers are more numerous than typically assumed. Workers equipped with varying levels of STEM skills and knowledge are needed to fill a broad continuum of high-wage and high-demand careers. In fact, when we look at all STEM jobs, half are available to workers without a 4-year college degree.¹ However, many people misconstrue STEM jobs as all requiring advanced math and science skills, and years of education.

In essence, STEM jobs are not as tangible and easy to understand as many jobs, and thus opportunities are missed. Increasing student awareness of and interest in STEM careers is imperative to meeting workforce demands.

NAPE's Solution

NAPE recognizes that counselors are a valuable and untapped resource for increasing student awareness and interest in STEM careers.

To meet the needs of counselors, NAPE has developed research-based workshops, webinars, and a turn-key toolkit to aid counselors in introducing a variety of STEM careers and opportunities to students using positive and effective messaging.

NAPE Resources and Products

NAPE offers three key resources for counselors:

Workshops - Workshops present an overview of STEM careers, introduce positive messages for talking with students and parents, and connect the messaging with tools, activities, and resources, particularly targeting females. These workshops can be offered in-person in a variety of lengths and formats—typically 1-3 hours long.

STEM Career Toolkit - This turn-key STEM Career Exploration Toolkit is designed to effectively reach and encourage every student to consider a future career in STEM. The toolkit includes a booklet that describes the research, rationale, and purpose of the toolkit; four interactive career exploration activities for student engagement with explicit lesson plans for implementation; and specific resources and tools for recruitment of girls.

Webinars - Webinars are available for counselors on a variety of topics to support students' interests in courses and programs for both CTE and STEM.

Application

NAPE proudly provides counselors with specific STEM career guidance solutions—optimized to prepare and support counselors in advocating STEM careers to every student.



Learn more at napequity.org/counselor

¹ Rothwell, J., *The Hidden STEM Economy*, 2013, Brookings.