Expanding underrepresented minority participation: America’s science and technology talent at the crossroads

Abstract:
In order for the United States [US] to maintain the global leadership and competitiveness in science and technology that are critical to achieving national goals, we must invest in research, encourage innovation, and grow a strong and talented science and technology workforce. [The book] explores the role of diversity in the science, technology, engineering and mathematics (STEM) workforce and its value in keeping America innovative and competitive. According to the book, the US labor market is projected to grow faster in science and engineering than in any other sector in the coming... [+] Show more

Subjects: Workforce development; Demographics; Skills and knowledge; Innovation; Industry; Labour market; Teaching and learning; Outcomes; Providers of education and training; Statistics

Keywords: Minority group; Skill development; Future; Recommendations

Geographic subjects: North America; United States


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Expanding Underrepresented Minority Participation: America’s Science and Technology Talent at the Crossroads liked it 3.0 · Rating details. · 1 Rating · 0 Reviews. In order for the United States to maintain the global leadership and competitiveness in science and technology that are critical to achieving national goals, we must invest in research, encourage innovation, and grow a strong and talented science and technology workforce. Underrepresented groups in science, technology, engineering, and mathematics in the United States include women[1] and some minorities. In the United States, women made up 50% of the college-educated workers in 2010, but only 28% of the science and engineering workers. Other underrepresented groups in science and engineering included African Americans, American Indians, Alaskan Natives, and Hispanics, who collectively formed 26% of the population, but accounted for only 10% of the science and engineering workers.[2] Expanding Underrepresented Minority Participation, America's Science and Technology Talent at the Crossroads 2011. Science and Engineering Indicators Report 2016.