

Workforce Challenges across the "Chips" Industry

Melinda N. Gomez (SEMI Foundation)

The semiconductor/microelectronics industry is seeing an unprecedented amount of domestic and private investment right now. There are colleges and universities working to develop, expand and evolve their programs to hopefully train enough students to meet this need. There will be an estimated 60,000 unfilled roles by 2030 and we must get creative to meet the moment. The SEMI Foundation is taking a proactive approach to work with industry to create, expand and validate short- and long-term programs to meet this need. From 2-week boot camps, 12 week certifications, to 18 month apprenticeships up to 4 and 6 year degrees, we need all hands on deck to fill this expected gap.

With a focus on diversity and equity, we want to lift initiatives to improve the lives of those who are underrepresented across STEM industries in general. We will discuss efforts to excite youth, women, veterans and those in adjacent industries to join the semiconductor industry!