



Childcare in the CHIPS Act

Resource and Solutions

Webinar | September 19, 2023



CONNECT - COLLABORATE. - INNOVATE. - GROW. - PROSPER



Michelle Williams-Vaden (moderator)
Deputy Director
SEMI Foundation

SEMI's Holistic Workforce Development Plan

CHIPS Application Support
Providing application and programmatic support to members

SEMI High Tech U
Connects industry professionals to middle and high school students, demonstrating educational and career paths in STEM

Industry Image and Awareness Campaign
Attracts talent with CAEL career exploration site and Roadtrip Nation documentary

ASA Partnership, Mentoring & University Connections
Creates formal partnerships with universities to provide industry access and collaboration opportunities

Apprenticeship Initiatives - SCAN
Collaborating with federal & state agencies to provide earn-and-learn models that fulfill entry-level workforce needs



High Tech U in the Classroom Kits and Curriculum
Provides experiential learning that engages K-12 students and promotes STEM careers

Community College Program
Aligns industry workforce needs with community college program offerings

Global Workforce Development Pavilions
Connects employers and talent at all SEMICONs

SEMI / IEEE Joint Certification Program
Provides access to training to ensure competency

VetWorks
Supports pathways to recruitment, hiring and retention

SEMI University Online Learning Platform Launched in February 2023

*Excite and inspire early...
...3rd grade onward*
Widening the talent pipeline

➔ *Attract and motivate ... K12-college*
Strengthen the foundation
(7-15 years)

➔ *Pathways to professional careers*
Mid-term
(2-6 years)

➔ *Continuous learning*
Near-term
(0-2 years)

D i v e r s i t y , E q u i t y a n d I n c l u s i o n

CHIPS Act Application & Programmatic Support



Application Support

- Pre-application/application planning framework
- Regional demographic reports to support narratives
- Good Jobs Principles case-making
- Language describing education and training programs
- Guidance on cross-cutting principles in workforce plans
- Proposal editing and recommendations

Programmatic Support

- Backbone organization support
- K-12 Outreach & Engagement
- Industry image and awareness services
- Veteran outreach, hiring, and retention services
- DEI Toolkit and Initiatives
- Mentoring services

CHILDCARE IN THE CHIPS ACT - RESOURCES AND SOLUTIONS



Liat Krawczyk
Sr. Advisor, Workforce & Childcare Strategy
CHIPS Office, U.S. Department of Commerce



Jesse Stoneman
Deputy Director, Public Engagement
CHIPS Office, U.S. Department of Commerce



Alessandra Lezama
CEO and Owner
TOOTRIS Solutions



Jessica Chang
CEO and Co-Founder
Upwards



Tracey Carey
Executive Director
Midwest Urban Strategies



Jeffrey Capizzano
CEO
Policy Equity Group LLC