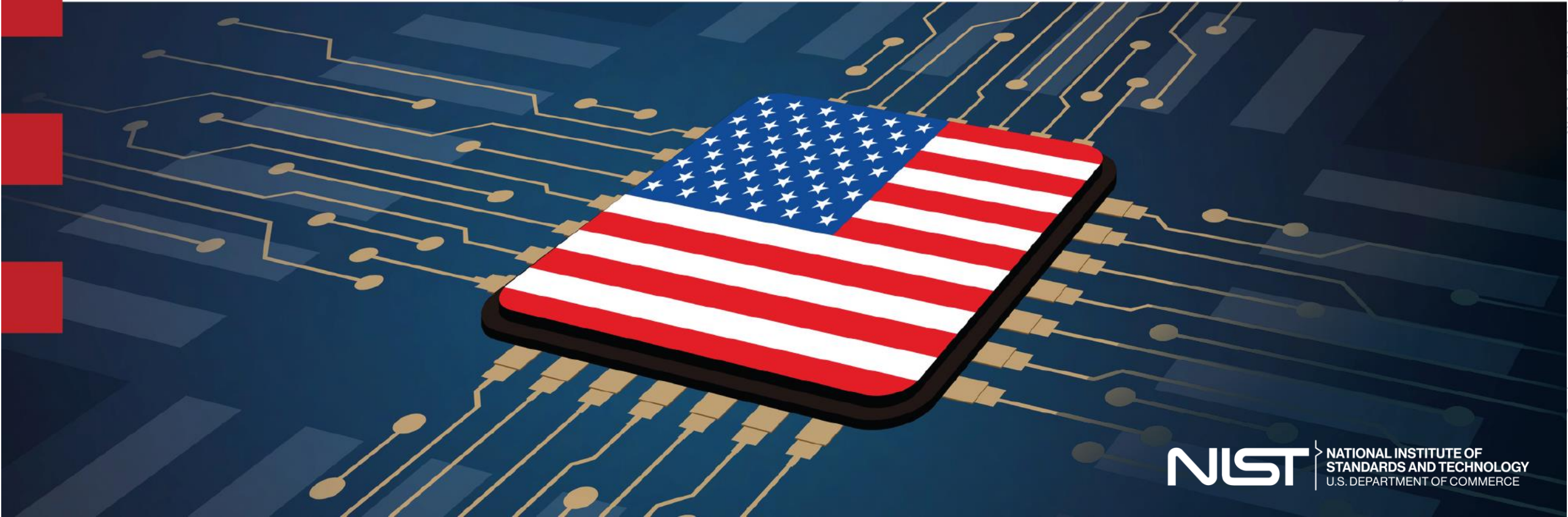
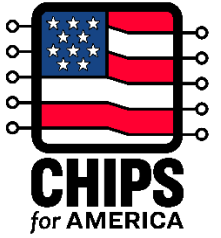


# Childcare in the CHIPS ACT: Resources and Solutions

September 19, 2023



# Today's Speakers

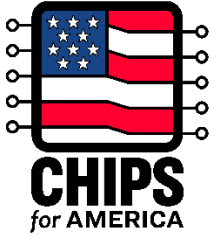


**Jesse Stoneman**  
Public Engagement



**Liat Krawczyk**  
Senior Advisor, Workforce  
Head of Child Care

# CHIPS for America Programs



## \$39 billion for manufacturing

### Components:

1. Attract large-scale investments in advanced technologies such as leading-edge logic and memory
2. Incentivize expansion of manufacturing capacity for mature and other types of semiconductors

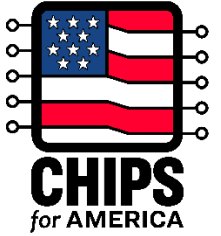
## \$11 billion for R&D

- National Semiconductor Technology Center
- National Advanced Packaging Manufacturing Program
- Manufacturing USA institute(s)
- National Institute of Standards and Technology measurement science

Together with CHIPS initiatives from other agencies, including DOD, State, NSF, and Treasury

Workforce development

# Funding Opportunities



February 28, 2023

June 23, 2023

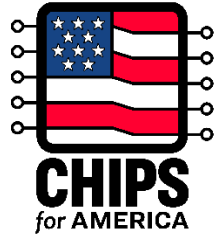
For commercial leading-edge, current, and mature node fabrication facilities

For large semiconductor materials and equipment facility projects \$300M+

For smaller semiconductor materials and equipment facility projects under \$300M

To support the construction of semiconductor R&D facilities

*Statements of Interest currently being accepted for all funding opportunities*



# Accomplishing these objectives requires:

Catalyzing private investment

Protecting taxpayer dollars

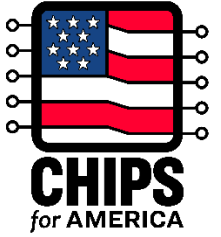
Building a skilled and diverse workforce

Engaging with U.S. partners and allies

Driving economic opportunity and inclusive economic growth

In the released NOFO, applicants requesting over \$150M must submit a child care plan

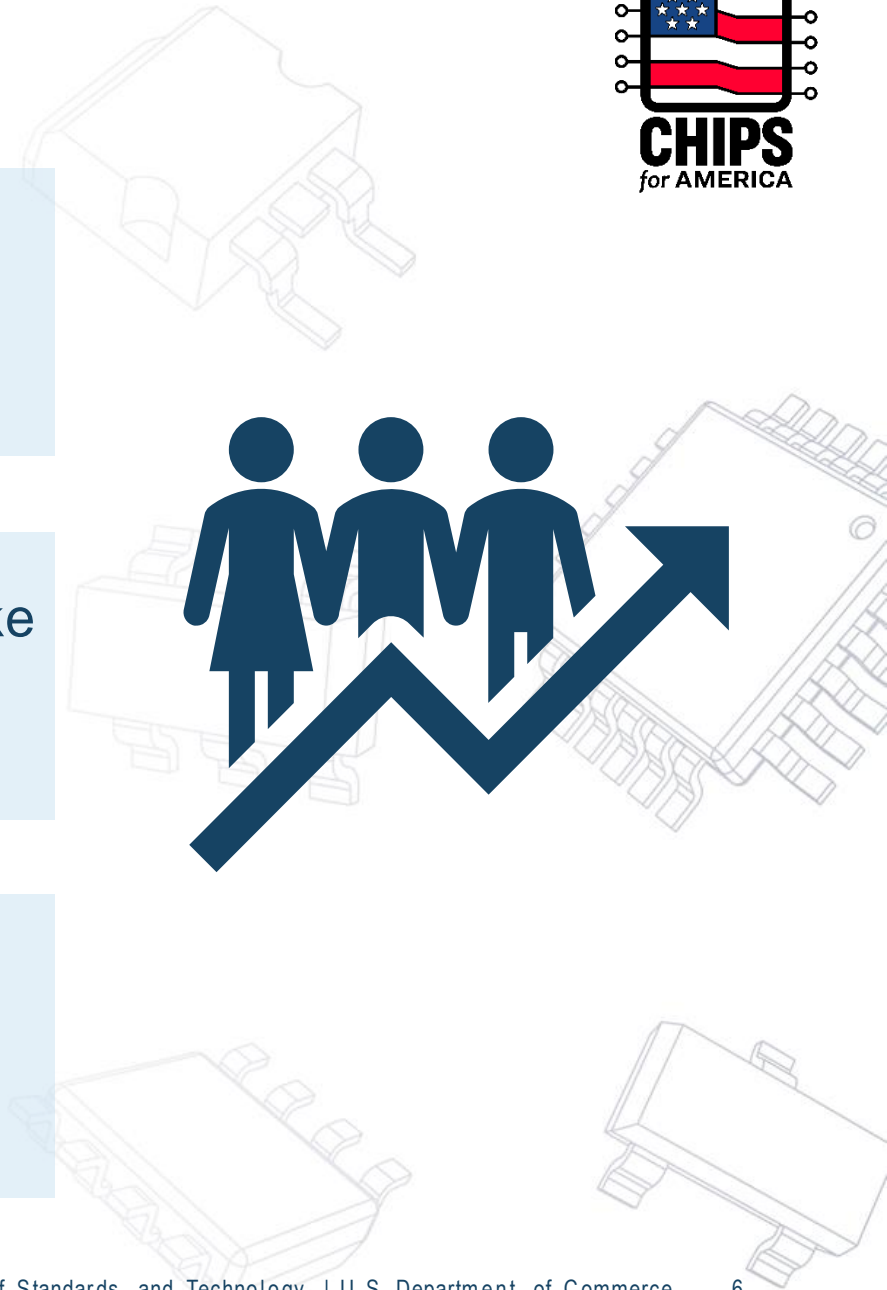
# Workforce Development Vision

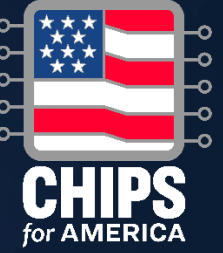


Delivering on our **national and economic security objectives** demands **major investments in the semiconductor workforce** that will support **good-paying jobs across the industry.**

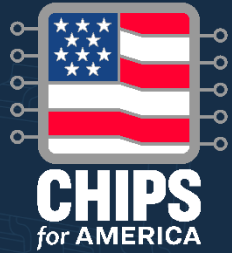
**America's diversity is a comparative advantage**; we must make significant investments to create opportunities for **Americans from historically underserved communities.**

Effective workforce solutions **enable key stakeholders to work together.**





# Child Care in CHIPS



# THE U.S. CHILD CARE CRISIS

## LACK OF AFFORDABILITY

- Average cost of US child care in the U.S. is ~11K per child a year, ~15% of median household income
- In 34 states and DC, average cost of center-based childcare for infants is more than in-state, public college tuition

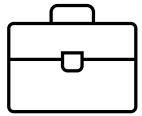
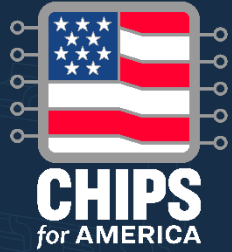
## INSUFFICIENT SEATS

- Over 50% of Americans live in a “child care desert” (at least 3 kids per licensed slot)
- Only 8% of child care centers offer care between 6pm-7am care
- Under 25% of construction and manufacturing workforce had childcare available for the hours they needed

## DIFFERING QUALITY

- High turnover of workers due to low wages
- Lack of parent ability to vote with feet

# CHILDCARE IS INFRASTRUCTURE CRITICAL TO INCLUSIVE U.S. AND INDUSTRY ECONOMIC GROWTH



## BUSINESSES

- **Employers lose \$23B a year** to child care challenges faced by employees
- Since the pandemic, US Chamber of Commerce has received **hundreds of queries from businesses** seeking childcare strategies



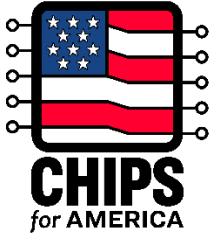
## HOUSEHOLDS

- A 2023 report shows that **26% of parents quit a job; 23% were fired; 17% were demoted; 40% turned down a job and 25% turned down promotion** due to child care challenges
- **Families lose \$78B a year** in forgone earnings and job search expenses due to 0-3 child care challenges



## U.S. ECONOMY

- Nation's **infant-toddler child care crisis now costs \$122B a year** in lost earnings, productivity, and revenue
- **Taxpayers lose \$21B each year** in lower federal and state/local tax revenue

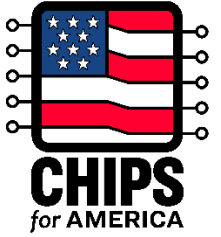


# Child Care Plan in CHIPS NOFO

*In order to achieve CHIPS Act economic and national security objectives and ensure that everyone, including women, can participate and thrive in the U.S. semiconductor economy:*

- CHIPS applicants applying for **over \$150 million** are required to provide a **child care plan for both facility and construction workers**
- CHIPS applicants that do not meet the \$150 million threshold **strongly encouraged to provide a child care plan**

# NOFO Child Care Plan Details



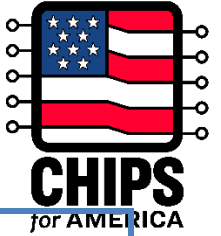
## There are No One-Size-Fits-All Solutions

- Applicants are expected to **devise solutions responsive to the specific needs of their construction and facility workers** such as during non-traditional hours and per regional market (supply, price, household) dynamics.
- Applicants are encouraged **to work with community stakeholders**, including state and local governments and local groups with expertise administering child care, **to create effective solutions.**

## Four Priorities for Child Care



# Core Child Care Principles



## Affordable

- Price of care is defrayed such that it is within reach for low- and medium-income households

## Accessible

- Care location is aligned to needs and preferences of workers (e.g., onsite, near-site, customized)
- Care is provided during hours needed (e.g., traditional and non-traditional hours)
- Seats are available and not subject to long waitlists

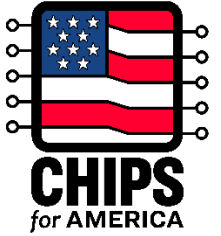
## Reliable

- Schedules are reliable so that care can be arranged in advance
- Care solutions are considered for back-up and/or emergency coverage
- Flexibility in granting alternative arrangements for care crisis situations

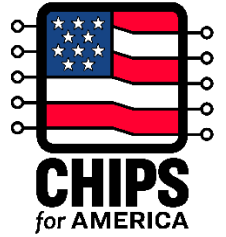
## High-Quality

- Multiple licensed and unlicensed settings are considered (centers, home-based care)
- Providers and staff are well-compensated and appropriately trained and resourced
- Settings are in line with quality safeguards (e.g., regulations, quality rating systems, etc.)

# Examples of Employer Child Care Offering Options



Model:	Company On- or Near-Site Care	Company Expanded Off-Site Care	Company-Secured Off Site Care	Financial Support
<b>Description:</b>	<p><i>Company provides space. Care Ops &amp; Business may be in-house or outsourced</i></p>	<p><i>Company pays to increase capacity or operating hours at existing center(s) or reserves slots for shift workers</i></p>	<p><i>Company pays (directly or via vendor) to reserve and/or subsidize worker seats at existing facilities</i></p>	<p><i>Company defrays cost of care (directly or via vendor) (e.g., via stipends, DSA, vouchers)</i></p>



# Next Steps

## Learn More:

- Visit [CHIPS.gov](https://chips.gov) for resources, including:
  - Notices of Funding Opportunity
  - Workforce Development Guide
- Join the Teaming Partner List
- Work with other employers
- Contact us
  - [askchips@chips.gov](mailto:askchips@chips.gov) – general inquiries
  - [apply@chips.gov](mailto:apply@chips.gov) – application-related inquiries