

## Our Education and Workforce Development Mission: Building national strategy to create local impact

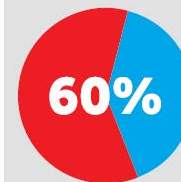


*Through our dynamic leadership, partnerships, and collaborations with our members we can deploy national scope with local impact that is implemented across a broad section of education and workforce as well as built for and by industry.*

### Our “K through Grey” Approach Engaging the entire national advanced manufacturing and STEM talent pipeline



In a recent Manufacturing Institute survey:



More than 60% of respondents cited **the inability to attract and retain talent** as their top business concern



Nearly 80% of respondents said they **have open positions they are struggling to fill**

### BEGIN YOUR ADVANCED MANUFACTURING JOURNEY TODAY!

Learn more about careers in additive manufacturing and the world of advanced manufacturing at [AmericaMakes.us/EWD](http://AmericaMakes.us/EWD)



America Makes

Education and Workforce Development

Driven by...



## Executing Our Mission

Thought  
Leadership

EWD  
Roadmap &  
Inventory

Industry  
Recognized  
Credentials

Educational  
Outreach  
“K-Grey”

Tailored AM  
Training

*Inspiring, preparing and growing today's and tomorrow's talent pipeline in additive manufacturing*

**See how additive manufacturing is changing the roles of traditional manufacturing jobs!**

**Design Engineers**  
must now “think 3D”

**Manufacturing Engineers**  
understand and utilize new flow processes with additive

**Operators and Maintenance Technicians**  
vastly different with the adoption of additive technologies

**Process Engineers**  
supporting new processes

**Software Engineers, Simulation Specialists, and Materials Engineers**  
all new functions with additive manufacturing

**Quality Roles**  
adaptions in process, technology, and deployment

**Over 65,000 engaged/trained and counting**

### Impacts of the Education and Workforce Development Portfolio

- Successful execution of over 125 EWD projects since 2012
- Engaged over 13,000 individuals this past year
- Nearly 20 active projects and initiatives
- Dozens of America Makes members engaged in creation, advisement and deployment across the portfolio
- Diverse portfolio engaging federal, state, and local governments as well industry and philanthropic/workforce/community-based organizations
- AMNation – national education and training network of local academic, workforce, and community partners scaling of best practices created/validated through members and across programs.



Enriching the talent pipeline  
Building career pathways  
Engaging 21<sup>st</sup> Century talent  
All learners – All situations

**Reach out and get involved!**

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America Makes | AMNation