

# THE CHIPS AND SCIENCE ACT

## U.S. HOUSE OF REPRESENTATIVES COMMITTEE ON **SCIENCE, SPACE, & TECHNOLOGY** *Talking Points Prepared by Democratic Committee Staff*

July 27, 2022

### **The CHIPS and Science Act will ensure we continue to lead in science and innovation and will strengthen our competitiveness on the world stage.**

- The House will be ushering in a bold and prosperous future for American science and innovation with the passage of the CHIPS and Science Act. This bill was made with the needs of each and every American in mind. The CHIPS and Science Act will bolster our national security, create good jobs, and strengthen our economy.
- It is time for us to revitalize federal support for the kinds of research and development initiatives that have long made the U.S. a beacon of excellence in science and innovation.
- The U.S. has endless potential to compete globally in science and innovation and the CHIPS and Science Act provides the critical resources and tools we need to achieve that.
- With strong authorizations for NSF, DOE's Office of Science, NASA, and NIST, the CHIPS and Science Act makes the critical investments these premiere federal science agencies deserve as they push forward in finding solutions to our most pressing challenges

### **The CHIPS and Science Act makes sorely needed investments for semiconductor manufacturing in America.**

- These provisions will ensure the U.S. continues to lead in semiconductor research and fabrication, and that more semiconductors are made in America
- This investment in chips will create jobs, strengthen our national security, and lower prices for American families.

### **The CHIPS and Science Act will support American manufacturing and manufacturers.**

- The CHIPS and Science Act makes vitally important investments in our manufacturing enterprise through investments in the Manufacturing Extension Partnership and Manufacturing USA programs.
- Manufacturing is the backbone of our American economy. The support the CHIPS and Science Act provides for this critical sector will ensure more critical goods are made in America and build educational opportunities for historically underserved populations
- The CHIPS and Science Act will advance efforts to track supply chain disruptions and address the health and resilience of domestic supply chains to lower the impacts that American consumers face

### **The CHIPS and Science Act will build a strong and diverse STEM workforce ready to address our greatest scientific and societal challenges.**

- The CHIPS and Science Act contains sweeping provisions that will build opportunities for all who wish to pursue a career in STEM, and it makes sure that they are well supported throughout their career path.
- The STEM provisions in the CHIPS and Science Act have been years in the making, it is long past time we put the efforts needed into building a STEM workforce that represents the rich diversity of our nation.

### **The CHIPS and Science Act will create good, well-paying jobs and invest in communities across the nation.**

- The research and development supported by the CHIPS and Science Act will help to make our clean energy future a reality-- which will bring new, good-paying jobs to communities across the nation as Americans work together to solve one of our toughest challenges, the climate crisis.
- The support for the manufacturing sector in the CHIPS and Science Act will expand the Manufacturing USA program to support ten new institutes over the next five years, creating good manufacturing jobs across the nation. [\[link: learn about MEP programs in your state\]](#) [\[link: learn about Manufacturing USA programs in your state\]](#)
- The CHIPS and Science Act will support a Regional Innovation and Technology Hub Program that will build innovation centers across the nation, building opportunity, collaboration, and a chance for communities to leverage their individual unique capabilities

### **The CHIPS and Science Act will help us create and push forward with solutions for the climate crisis.**

- From clean energy research and development and emissions monitoring, to making sure new American-made technologies and solutions can make it to market, the CHIPS and Science Act will help us address the climate crisis with science at the forefront.
- We must use every tool in the toolbox if we are to tackle the climate crisis. The CHIPS and Science Act makes key investments across our premiere science agencies, including NSF, NOAA, NIST, and DOE as they work to prevent and mitigate the growing potential impacts of climate change.

### **The CHIPS and Science Act is widely supported by scientists, researchers, engineers, manufacturers, and other stakeholders.**

- The Science Committee provisions included in the CHIPS and Science Act were built from the ground up with rigorous deliberation and input from the scientific community, industry, and other stakeholders on what they need most to succeed in the 21<sup>st</sup> century.

### **The Science Committee bills included in Division B of the CHIPS and Science Act are all strongly bipartisan.**

- Since COMPETES passed the House in February, staff and Members have been involved in good policy negotiations to ensure we put our best foot forward and deliver a strong bill to the President's desk.