



NATIONAL PHOTONICS INITIATIVE



THE CHIPS and SCIENCE ACT IS NOW LAW

August 30, 2022

Earlier this month, President Biden signed the bipartisan CHIPS and Science Act into law. Passage of this strongly pro-science bill has been a priority for the NPI throughout this year. It was a key focus of our conversations with lawmakers and staff during virtual Congressional meetings. Additionally, the NPI communicated directly with House and Senate leaders to advocate for the legislation. **Thank you to the members of the optics and photonics community who used their voice to advocate for this critical legislation during the NPI's virtual Congressional meetings!**



President Biden signs the CHIPS and Science Act

PHOTO: [Reuters](#)

The CHIPS Act provides \$52 billion focused on establishing investments and incentives to support U.S. semiconductor manufacturing, research and development, supply chain security, and workforce development. The science portions of the bill include authorizing increased funding levels for the National Institute of Standards and Technology (NIST), the Department of Energy (DOE) Office of Science and the National Science Foundation (NSF) and establish support for U.S.-based manufacturing in the advanced technology sectors.

Additionally, the CHIPS and Science Act directs the Department of Commerce to establish 20 geographically distributed “regional technology hubs” that will focus on technology

development, job creation, and expanding U.S. innovation capacity. The legislation also includes authorization for the establishment of a high-intensity laser research initiative to advance laser technologies relevant to future facility needs in discovery science and to support a user network of academic and national laboratory high-intensity laser facilities. In addition, the legislation authorizes funding for STEM education including scholarships, fellowships, and traineeships.

Thank you again to all who joined NPI's effort to get the CHIPS and Science Act to the President's desk for signature!