

## ***Securing America's Future***

### Summary of the Homeland Security and Governmental Affairs Committee Bipartisan Contributions to the *Endless Frontier Act*

#### **Securing our Networks and Supply Chains**

Cyber-attacks remain one of the most significant threats to our national security – and they can have real-world consequences for Americans, as the recent attack on the Colonial Pipeline showed. Whether an attack is coming from adversaries like the Chinese and Russian governments, or criminal organizations, these provisions strengthen the federal government's roles and resources to better prepare for and respond to significant cyber incidents, including requiring regular National Risk Assessments and the creation of a Cyber Response and Recovery Fund. This section also includes provisions to block the purchase of drones manufactured and sold by companies backed by the Chinese government, and prohibits the social media app TikTok from being downloaded to government devices to better safeguard the privacy and security of Americans.

#### **Recommitting to American Workers and Manufacturers**

American taxpayer dollars should be used to buy American-made manufactured products and materials, which supports American workers and advances American competitiveness. These provisions modernize Buy American requirements to address the longstanding practice of using Chinese- or Russian-made steel and other products that undercuts American manufacturers and American workers. They also increase transparency when waivers are granted to Buy American requirements by creating a central publicly available website. This section also includes a provision to address the serious national security risk posed by our overreliance on companies in China and other countries for medical supplies by encouraging greater domestic production of personal protective equipment.

#### **Safeguarding Groundbreaking Research**

Adversarial foreign governments, including China, continue to pose a threat to the U.S. research enterprise and have used various means to exploit gaps in research security that allow bad actors to steal American research, technology and intellectual property. This provision will boost American competitiveness by ensuring the federal government is securing taxpayer-funded research from misappropriation by foreign competitors.

#### **Investing in Responsible Federal Use of Artificial Intelligence**

This provision will help lock in America's competitive advantage over the Chinese government in the rapidly evolving field of artificial intelligence by leveraging American values, innovation and entrepreneurialism to advance this technology. The new partnerships created by this provision would allow the federal government to harness commercial breakthroughs to improve efficiency, better serve the American people and strengthen American economic competitiveness and national security.

#### **Providing New Skills and Opportunities for Our Federal Workforce**

The United States faces increasingly sophisticated cyber threats from foreign actors such as China and Russia, and we need a federal workforce that possesses the knowledge, skills, and competencies to counter those threats. These provisions would strengthen American competitiveness by investing in the future of the federal workforce – establishing programs to grow federal expertise and interagency coordination on cybersecurity, as well as offering opportunities to reskill federal workers to better meet emerging and mission-critical workforce needs and stay competitive on the global stage.