



CHIPS-ALIGNED CAREERS: SAMPLE RESOURCES TO EXPLORE

CHIPS and Science Act of 2022 (CHIPS)

[CHIPS](#) contains multiple sections and topics. Below is an excerpt from its Table of Content:

- Division A—CHIPS Act of 2022
- Division B—Research and Innovation
- Title I—Department of Energy Science for the Future
- Title II—National Institute of Standards and Technology for the Future
- Title III—National Science Foundation for the Future
- Title IV—Bioeconomy Research and Development
- Title V—Broadening Participation in Science
- Title V—Miscellaneous Science and Technology Provisions
- Title VII—National Aeronautics and Space Administration Authorization Act

Additional Resources

NSF	NIST	FESI
U. S. National Science Foundation (NSF) NSF CHIPS and Science	U.S. Department of Commerce (DOC) National Institute of Standards and Technology (NIST) NIST CHIPS FOR AMERICA	U.S. Department of Energy (DOE) Foundation for Energy Security and Innovation (FESI)
<p>Key Technology Areas</p> <ul style="list-style-type: none"> • Advanced manufacturing • Advanced materials • Artificial intelligence • Biotechnology • Communications and wireless • Cyberinfrastructure and advanced computing • Cybersecurity • Disaster risk and resilience • Energy technology • Quantum information science • Semiconductors and microelectronics 	<p>Topics</p> <ul style="list-style-type: none"> • Electronics • Semiconductors • Manufacturing • Materials 	<p>Technology Areas</p> <ul style="list-style-type: none"> • Clean Hydrogen Liftoff • Advanced Nuclear • Long Duration Energy Storage • Carbon Management • Virtual Power Plants • Industrial Decarbonization • Decarbonizing Chemicals and Refining • Low-Carbon Cement • Innovative Grid Deployment • Next Generation Geothermal Power • Offshore Wind Liftoff • Electricity Demand Growth