

TECHNOLOGY AND INTERNATIONAL AFFAIRS PROGRAM

Advances in information technology, biotechnology, and artificial intelligence (AI) are transforming society in ways that affect global security and stability. Carnegie's Technology and International Affairs Program develops strategies to maximize the positive potential of emerging technologies while reducing the risk of large-scale misuse or harm. With Carnegie's global centers and an office in Silicon Valley, the program collaborates with technologists, corporate leaders, government officials, and scholars globally to understand and prepare for the implications of advances in cyberspace, biotechnology, and AI. With our partners—and through publications, private workshops, briefings, and engagements—we develop conceptual models and policy innovations that governments and businesses can apply.

CYBER POLICY (SINCE 2015)

This initiative works to reduce behavior in cyberspace that could undermine, on a large or strategic scale, international security and stability. The team develops and promotes government and business strategies and policies in areas such as:

- limiting cyber threats to strategic command and control systems;
- limiting cyber threats to financial stability, particularly data and transaction integrity;
- protecting the integrity of information and communications technology supply chains;
- clarifying principles for private sector self defense and risk mitigation;
- fostering understanding of cyber conflict through historical analogies; and
- understanding and managing challenges posed by proxy actors.

BIOTECHNOLOGY (NEW)

Carnegie seeks to understand how international actors, especially China and India, view the opportunities and risks of biotechnology, and to explore how to reduce the potential that evolving biotechnologies will be weaponized or otherwise used to cause harm.

ARTIFICIAL INTELLIGENCE (NEW)

Carnegie focuses on examining how the application and distribution of AI capabilities could affect geopolitics and international stability; understanding how unforeseen implications or misuse of autonomous systems or other AI technologies could derail the positive potential of these technologies; and assessing regional perspectives (including those of China, India, and Europe) on AI policy challenges.

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Partner/Support

This new program is actively seeking engagement with partner organizations. Please contact Kate Charlet (Katherine.Charlet@ceip.org) for overall program engagement or Tim Maurer (TMaurer@ceip.org) for Cyber Policy Initiative engagement.

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CARNEGIE'S GLOBAL TECHNOLOGY EXPERTS

The team includes highly respected scholars and technology policy experts, including several that have held senior government roles such as chief of staff to the U.S. president, principal deputy director general for policy at the Israeli Atomic Energy Commission, U.S. deputy assistant secretary of defense for cyber policy, and permanent representative of the Slovak Republic to NATO.



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The **Carnegie Endowment for International Peace** is a unique global network of policy research centers in Russia, China, Europe, the Middle East, India, and the United States. Our mission, dating back more than a century, is to advance peace through analysis and development of fresh policy ideas and direct engagement and collaboration with decisionmakers in government, business, and civil society. Working together, our centers bring the inestimable benefit of multiple national viewpoints to bilateral, regional, and global issues.

Carnegie established its **Silicon Valley Office** with the recognition that global technology policy ideas require consistent dialogue with those on the forefront of technological development. The team offers a small, agile presence that operates through partnerships and the exchange of ideas with technology stakeholders on the West Coast.