

# **NUCLEAR STRATEGY PROJECT**

The Scowcroft Center's namesake, General Brent Scowcroft, was the chairman of the 1983 Scowcroft Commission that established the foundation for US nuclear deterrence and arms control policy through the present day. As the United States enters a new era of strategic challenges, the Scowcroft Center's *Forward* Defense program is proud to play a central role in crafting an effective and

nonpartisan strategic forces strategy and policy for the twenty-first century.

The 2022 National Defense Strategy and Nuclear Posture Review caution that the United States will, for the first time in its history, face the challenge of simultaneously deterring two nuclear great powers, each with aggressive revisionist goals. Our Nuclear Strategy Project, within the *Forward* Defense program, focuses on the role of nuclear deterrence, nuclear strategy and employment, missile defense, and arms control in deterring conventional aggression and nuclear escalation against the United States, its allies, and partners.





## **Nuclear strategy**

Shape US nuclear strategy and implications for extended deterrence, allied assurance, and nuclear escalation.

Inform the national and international debate concerning potential changes in nuclear strategy and nuclear force structure.

Assess the changing requirements for extended deterrence and assurance of allies under nuclear tripolarity.



#### **Arm controls**

Understand and shape the changing nature of and role for arms control in the new trilateral security environment.

Assess the relationship between US nuclear deterrence requirements and nuclear arms control to inform US negotiating positions for a potential future arms control framework.



#### Missile defense

Shape the relationship between homeland missile defense and US nuclear strategy as it relates to North Korea, Iran, Russia, and China.

Anticipate and inform the national and international debate on new technologies for missile defense and their implications for strategic stability.



#### **Emerging threats**

Assess the implications of new threats and technologies for US nuclear deterrence and strategy.

Understand and assess which threats have the greatest potential for affecting the military balance and nuclear deterrence.

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SCOWCROFT CENTER
FOR STRATEGY AND SECURITY

# SELECT RESEARCH PRODUCTS

# On US nuclear and missile defense strategy and policy



Soofer et al, "'<u>First we will defend</u> the homeland': The case for homeland missile defense," January 4, 2025.



Peter L. Hays and Sarah Mineiro, "Modernizing space-based nuclear command, control, and communications," July 15, 2024.



Robert Soofer and Matthew Costlow, "<u>US homeland missile</u> <u>defense: Room for expanded roles</u>," November 15, 2023.



Keir Lieber and Daryl G. Press, "US strategy and force posture for an era of nuclear tripolarity," May 1, 2023.



John R. Harvey and Robert Soofer, "<u>Strengthening deterrence</u> <u>with SLCM-N</u>," November 5, 2022.



Patrick O'Reilly, "Missile defense: The end of the interim solution," December 14, 2021.



Matthew Kroenig and Mark J. Massa, "Are dual-capable weapon systems destabilizing? Questioning nuclear-conventional entanglement and inadvertent escalation,"

June 16, 2021.



Matthew Kroenig, Mark J. Massa and Christian Trotti, "<u>The downsides of</u> <u>downsizing: Why the United States</u> <u>needs four hundred ICBMs</u>," March 29, 2021.

## **On deterring Russia**



Matthew Kroenig, "A strategy for deterring Russian de-escalation strikes," April 24, 2018.



Matthew Kroenig, "<u>Toward a more flexible NATO nuclear posture</u>," November 15, 2016.

### On deterring North Korea



Markus Garlauskas, "<u>Proactively</u> <u>countering North Korea's advancing</u> <u>nuclear threat</u>," December 23, 2021.

#### On arms control



Greg Weaver and Amy Woolf,
"Requirements for nuclear
deterrence and arms control in a
two-nuclear-peer environment,"
February 2, 2024.



Matthew Kroenig, "Arms racing under nuclear tripolarity: Evidence for an action-reaction cycle?"
December 20, 2022.

# On deterring China



Gregory Weaver, "The role of nuclear weapons in a Taiwan crisis," November 22, 2023.



Matthew Kroenig, "<u>Deterring</u>
<u>Chinese strategic attack: Grappling</u>
<u>with the implications of China's</u>
<u>strategic forces buildup</u>," November 2, 2021.



Hans Binnendijk, Rebeccah Heinrichs, and Christopher Twomey, "Forward Defense symposium on deterring Chinese strategic attack," November 30, 2021.

#### **New Atlanticist articles**

Clementine G. Starling-Daniels and Mark J. Massa, "Russian nuclear anti-satellite weapons would require a firm US response, not hysteria," New Atlanticist, February 15, 2024.

Robert Soofer and Walter B. Slocombe, "Congress should fund the nuclear sea-launched cruise missile," New Atlanticist, August 3, 2023.

Robert Soofer, "Before embarking on arms control talks, Biden needs a nuclear deal with Congress,"

New Atlanticist, June 14, 2023.

Matthew Kroenig, "How to deter Russian nuclear use in Ukraine—and respond if deterrence fails," Atlantic Council Memo to the President, September 16, 2022.

Matthew Kroenig, Mark J. Massa, and Alyxandra Marine, "<u>To decipher Putin's nuclear threats, watch</u> <u>what he does—not what he says</u>," *New Atlanticist*, March 4, 2022.

Alexander Vershbow, "The case for extending New START," New Atlanticist, February 5, 2020.

## **Key staff and fellows**

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