

S 1197

QUANTUM for National Security Act of 2021

Congress: 117 (2021–2023, Ended)

Chamber: Senate

Policy Area: Armed Forces and National Security

Introduced: Apr 15, 2021

Current Status: Read twice and referred to the Committee on Armed Services.

Latest Action: Read twice and referred to the Committee on Armed Services. (Apr 15, 2021)

Official Text: <https://www.congress.gov/bill/117th-congress/senate-bill/1197>

Sponsor

Name: Sen. Hassan, Margaret Wood [D-NH]

Party: Democratic • State: NH • Chamber: Senate

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Thune, John [R-SD]	R · SD		Apr 15, 2021

Committee Activity

Committee	Chamber	Activity	Date
Armed Services Committee	Senate	Referred To	Apr 15, 2021

Subjects & Policy Tags

Policy Area:

Armed Forces and National Security

Related Bills

No related bills are listed.

## **Quantum for Universal Advancement in Nationwide Technology Use and Modernization for National Security Act of 2021 or the QUANTUM for National Security Act of 2021**

This bill addresses quantum science research and its role in national security through the Department of Defense (DOD).

For purposes of the public-private talent exchange program, DOD must ensure there are exchanges of personnel that are working on the modernization priorities of DOD, including quantum science and technology research.

Among other requirements, DOD must

- seek to establish public-private exchange programs in the Army, Navy, and Marine Corps focused on private sector entities working on quantum information sciences and technology research applications;
- implement the National Security Pipeline Pilot Program to seek to enter into partnerships with minority-serving institutions to diversify participants in the Science, Mathematics, and Research Transformation (SMART) Defense Education Program; and
- implement a fellowship program in quantum information science and technology research and development for individuals who have graduate or post-graduate degrees.

The Government Accountability Office (GAO) must assess the National Quantum Initiative Program and report on its findings. Additionally, the GAO must brief Congress on its assessment of the quantum information fellowship program established by this bill.

The President must establish, through the National Science and Technology Council, a temporary Subcommittee on the Economic and Security Implications of Quantum Science.

The National Quantum Initiative Advisory Committee must include defense researchers and ensure the integration of DOD in committee actions and programs.

### **Actions Timeline**

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- **Apr 15, 2021:** Introduced in Senate
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