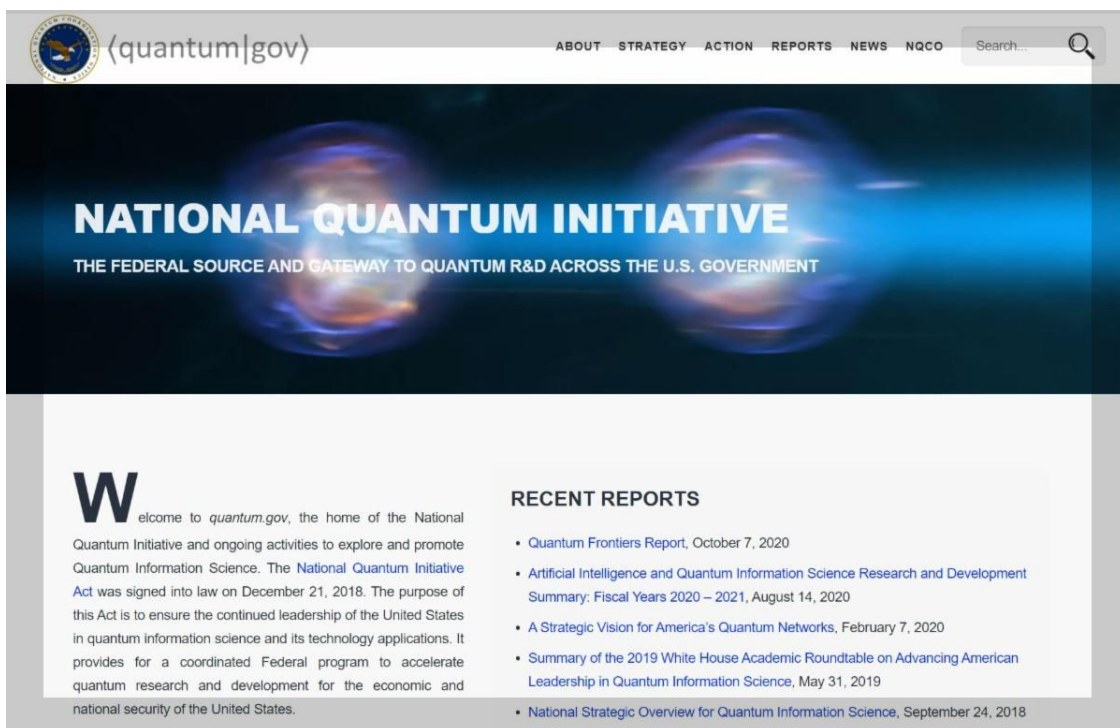


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THURSDAY, OCTOBER 29, 2020



Quantum.gov Officially Launches

The White House Office of Science and Technology Policy (OSTP) recently announced the launch of [Quantum.gov](#), the new official website of the National Quantum Coordination Office (NQCO). The new site will feature resources and news on federal Quantum Information Science (QIS) activities that are geared towards both research communities and the public. It will serve as a one-stop-shop for key strategic documents and reports, agency programs, and NQCO initiatives.

Michael Kratsios, U.S. Chief Technology Officer said, "With the launch of Quantum.gov, the White House has created an online home for the National Quantum Coordination Office and a new digital hub for the growing quantum community to connect with wide-ranging activities underway across the Federal Government."

In addition to the launch of [Quantum.gov](#), OSTP also announced the release of the [Quantum Frontiers Report](#), which identifies key areas for continued QIS research. The Quantum Frontiers Report was developed with input from federal, industry, and academic leaders to identify priority areas that need continued research to enable the full potential of QIS. The report is intended to focus and organize the entire QIS research and industrial community around key research and development questions in the years ahead. Kratsios added, "The newly published Quantum Frontiers Report lays out critical research questions for the entire U.S. innovation ecosystem to tackle in the years ahead and will serve as an important roadmap for researchers around the country."

DOE Quantum Centers Announced

The Department of Energy (DOE), working with The White House and the National Science Foundation (NSF), has established 12 new artificial intelligence and QIS Research Centers. The [official announcement](#) came in late August. The centers will serve as national research and development hubs for industries of the future, spurring innovation, supporting regional economic growth, and training our next generation workforce.

To establish the QIS Research Centers, DOE will award up to \$625 million over five years to five centers that will be led by DOE National Laboratory teams at Argonne, Brookhaven, Fermi, Oak Ridge, and Lawrence Berkeley National Laboratories. Each QIS Center will incorporate a collaborative research team spanning multiple institutions as well as scientific and engineering disciplines. The private sector and academia will be providing another \$300 million in contributions for the centers.

The centers will focus on a range of key QIS research topics including quantum networking, sensing, computing, and materials manufacturing. Learn more about the centers [HERE](#).

National Q-12 Education Partnership Officially Launched

The National Q-12 Education Partnership was recently launched as a public-private effort to expand access to QIS education for K-12 students. The Partnership is a joint effort between the White House Office of Science and Technology policy, the National Science Foundation (NSF), and over a dozen top U.S. industry and academic organizations, including the SPIE and the OSA. As part of the announcement, the NSF is awarding nearly \$1 million to QIS education efforts, including the establishment of the Q2Work Program to support quantum education workforce development across the country. Private sector and academic leaders are committing to develop and provide educational programs, tools, training opportunities, and curricula that help introduce QIS themes at the middle school and high school levels. The Founding Members of the National Q-12 Educational Partnership include:

Amazon Web Services, American Physical Society, Boeing, Google, IBM, IEEE-USA, SPIE, Lockheed Martin, Microsoft, Montana Instruments, The Optical Society (OSA), Rigetti, University of Illinois Urbana-Champaign, University of Chicago, and Zapata Computing. Learn more about the Partnership [HERE](#).

MESSAGE FROM THE CHAIRMAN

Like you, the NPI continues to adapt to our new normal! There are exciting things ahead and we appreciate your support!

Be well!



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