



A Public Meeting of the

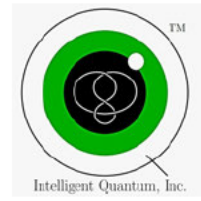
National Quantum Initiative Advisory Committee (NQIAC)

August 6, 2024

Written Public Comments

Written public comments are given in the order of date received

As specified in the Federal Register Notice, because the NQIAC operates under the Federal Advisory Committee Act (FACA), all public comments and/or presentations will be treated as public documents and will be made available for public inspection, including being posted on the NQIAC website.



Written Comments for the National Quantum Initiative Advisory Committee (NQIAC)

July 30, 2024

To: National Quantum Coordination Office (NQCO) Staff
White House Office of Science and Technology Policy (OSTP)
Email: NQIAC@quantum.gov

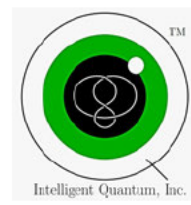
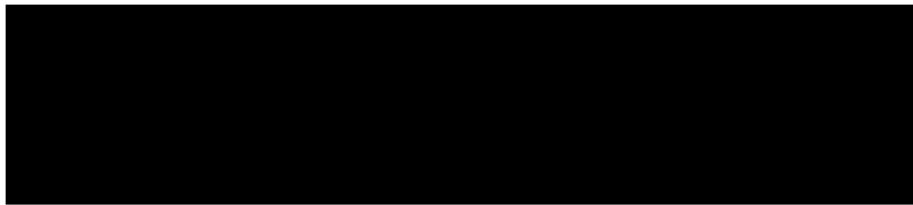
From:

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Subject: Written Comments on National Quantum Initiative Advisory Committee (NQIAC)

The National Quantum Coordination Office (NQCO), housed within the White House Office of Science and Technology Policy (OSTP), is pivotal in coordinating and supporting the National Quantum Initiative (NQI). The NQCO's leadership includes Dr. Gretchen Campbell, the Assistant Director for Quantum Information Science (QIS) and Director of the NQCO, who ensures the alignment of NQI activities across government, industry, and academia. Dr. Brad Blakestad serves as the Deputy Director, bringing extensive experience in managing quantum research programs. Dr. Tanner Crowder, the Senior Policy Advisor, focuses on the economic and national security implications of QIS. Dr. Thomas Wong, a consultant, supports the NQCO with his expertise in quantum algorithms and workforce development. Together, this team of experts drives the United States' strategic efforts in advancing quantum technology.

The National Quantum Coordination Office (NQCO) stands as a beacon of excellence and a pivotal force within the landscape of quantum information science and technology. Under the auspices of the White House Office of Science and Technology Policy (OSTP), the NQCO exemplifies unwavering commitment to advancing the United States' leadership in quantum technologies. This office is not merely a coordinating body but a catalyst for innovation, fostering a collaborative environment that bridges federal agencies, industry leaders, and academic institutions. The meticulous and strategic efforts of the NQCO have significantly amplified the nation's capacity to harness quantum science's transformative potential, propelling forward groundbreaking research and development. At the helm, Dr. Gretchen



Campbell, as the Assistant Director for Quantum Information Science and Director of the NQCO, has demonstrated exemplary leadership. Her vision and expertise have been instrumental in ensuring that the NQI's multifaceted activities are seamlessly integrated and strategically aligned. Dr. Campbell's dedication to fostering interdisciplinary collaboration and her profound understanding of quantum science have set a high standard for excellence. Her leadership has not only guided the NQCO's mission but also inspired a culture of innovation and rigorous scientific inquiry. Supporting this mission with equal vigor is Dr. Brad Blakestad, the Deputy Director, whose extensive experience in quantum research programs has been invaluable. His adept management and forward-thinking approach have facilitated the establishment of numerous impactful research initiatives. Dr. Blakestad's contributions have ensured that the NQCO's programs are both robust and adaptive to the evolving landscape of quantum technology. Dr. Tanner Crowder, the Senior Policy Advisor, brings a critical focus on the economic and national security implications of quantum information science. His insights and strategic policy guidance have been essential in navigating the complex intersections of technology and security, ensuring that the United States not only leads in innovation but also in the strategic application of these advancements. Dr. Thomas Wong, as a consultant, has enriched the NQCO with his deep expertise in quantum algorithms and education. His efforts in workforce development and international cooperation have been vital in building a strong foundation for the next generation of quantum scientists and ensuring global collaboration in this rapidly advancing field. The collective achievements of the NQCO staff and leadership are a testament to their dedication, expertise, and visionary approach. Their work has laid a robust foundation for sustained advancements in quantum information science, ensuring that the United States remains at the forefront of this critical technological frontier. The NQCO's unwavering commitment to excellence and innovation continues to inspire and propel the entire quantum community towards unprecedented heights.

The National Quantum Coordination Office (NQCO) is instrumental in advancing the United States' leadership in quantum technology, thanks to its strategic coordination and support of the National Quantum Initiative (NQI). Under the exemplary leadership of Dr. Gretchen Campbell, along with the expertise of Dr. Brad Blakestad, Dr. Tanner Crowder, and Dr. Thomas Wong, the NQCO has fostered an unparalleled collaborative environment across federal agencies, industry, and academia. Their collective efforts have significantly amplified the nation's quantum capabilities, ensuring effective integration, strategic alignment, and forward-thinking policy guidance. As the National Quantum Initiative Advisory Committee (NQIAC) continues its vital work, it is recommended to sustain and enhance these collaborative efforts, further promote public outreach and education, and continue to prioritize the economic and national security implications of quantum advancements. This will ensure the United States remains at the forefront of this transformative field, driving innovation and inspiring the global quantum community.

Signature:

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