

QUANTUM

COLLABORATIVE

The **quantum future** is...



**Disruptive
Transformative
Collaborative**

The **Quantum Collaborative at Arizona State University** is a growing network dedicated to promoting and harnessing the potential of quantum technology and developing a diverse quantum workforce. We are connecting top scientific programs, leading companies and prominent universities across the rapidly growing field of quantum information science and technology. We do so in the pursuit of new discoveries, to educate and guide society overall on the impacts and benefits of quantum technology, and to drive national economic advantage.

Join a growing network with growing potential

We are seeking partners as varied as the promising applications of quantum technology itself. Whether you represent an established company, academia, government or nonprofit, or are a singular entity or burgeoning startup, we welcome partnerships of all kinds to advance quantum technology. From quantum computing, communications and sensors to networking, information science and quantum policy, there are ample avenues to pursue your interests and goals as part of the Quantum Collaborative. Joining our network provides numerous opportunities to support quantum education, workforce development, software and hardware innovation, and quantum manufacturing.



Consult the enclosed table to learn more about how joining the Quantum Collaborative could advance your goals. A two-year commitment is preferred to fully realize potential outcomes of investment.

Benefits of joining the Quantum Collaborative

Access advanced capability

Throughout the Quantum Collaborative, new labs and projects are springing up. Tap into the latest research, run hardware and software projects and collaborate with faculty and students advancing quantum sensing, networking and communications experimentation.

Strengthen proposals

Together, partners increase their proposal competitiveness and pool internal resources to pursue funding from the National Quantum Initiative Act, the CHIPS and Science Act, the National Institute of Standards and Technology Manufacturing Innovation Institutes and additional funding opportunities.

Stay on the cutting edge

Enjoy exclusive access to networking events, projects and partner-only activities. You'll also be afforded a first look at select partner projects and pilot projects.

Shape the future of the quantum industry

The quantum landscape is evolving rapidly. Take your seat at the table and guide the development and adoption of quantum technologies through a range of steering committees, including those focused on quantum computing, quantum policy and law, quantum cybersecurity and more.

By uniting partners across the quantum technology landscape, the Quantum Collaborative advances new frontiers of discovery while addressing the global demand for a skilled and diverse quantum workforce.



Our current partners fall into three distinct groups tailored to their goals. Core partners collaborate closely on solution development. Implementation partners are focused on designing and iterating solutions, while advisory partners engage with us to stay up-to-date on quantum information science and technology trends, policy, funding opportunities and related programs and activities.

Current partners include:



Learn how joining the Quantum Collaborative can benefit your organization.
Contact us at quantumcollaborative.org/connect



Join us at

quantumcollaborative.org

The **Quantum Collaborative** at Arizona State University is funded by the state of Arizona, the Arizona Board of Regents and our partners.



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BENEFITS OF JOINING

	ADVISORY PARTNER \$30,000 annually (in seed funding)	IMPLEMENTATION PARTNER \$75,000 annually (\$30K in seed funding)	CORE PARTNER Contact for more information
ACCESS TO QUANTUM CAPACITY			
Access quantum capacity resources and experts across the Quantum Collaborative	●	●	●
Engage with ASU Quantum Networking Experimentation Lab		●	●
Engage with ASU Quantum Sensing Experimentation Lab		●	●
Receive onboarding support for cloud-based quantum technologies (e.g., IBM, Amazon, Google, Quantinuum)		●	●
JOINT TECHNOLOGY R&D			
Early review of Quantum Collaborative pilot project proposals with opportunity to collaborate	●	●	●
Engage partners to prototype and validate solutions		●	●
Develop collaborative quantum-adjacent technology (e.g., wave modulation, cooling)		●	●
Engage with student and post-doc experts across the Quantum Collaborative		●	●
QUANTUM LEADERSHIP AND PUBLIC-PRIVATE NETWORKING			
Gain funding insights and facilitated research development with the Quantum Collaborative	●	●	●
Participate in facilitated networking with partnered organizations	●	●	●
Participate in the Quantum Collaborative QIST design workshops	●	●	●
Access all live seminars, speaker presentations and recorded content	●	●	●
Appoint one representative to the leadership committee of the Quantum Collaborative advisory boards		●	●
Receive full-service planning and facilitation support for collaborative large-scale funding opportunities (e.g., DOE, NSF)		●	●
Publish a spotlight or segment on the Quantum Collaborative or partner websites and select ASU, regional or national media		●	●
Attend in-person research lectures on the topics that matter to you			●
Engage with industry, faculty and student talent across the Quantum Collaborative	●	●	●
Co-develop strategic QIST roadmaps		●	●
JOINT RESEARCH OPPORTUNITIES			
Early access to research findings		●	●
Access pre-publication content		●	●
Host the Quantum Collaborative annual event as a branded partner (expenses covered)			●
WORKFORCE AND EDUCATION DEVELOPMENT AND ENROLLMENT			
Access partner education resources for leaders, faculty, staff and students	●	●	●
Co-develop and distribute quantum workforce development programs		●	●
Quantum Innovation Center Member (\$250K Academic and \$500K Industry)	Unlimited access to premiere quantum computing systems through the IBM Quantum Innovation Center		