We’re in the midst of a new Quantum Revolution… Join us for a conversation about Quantum Education yet only now

A hundred years ago, quantum physics revolutionized our understanding of the world, yet only now are we beginning to learn how to finely tune the strange interactions between discrete units of matter and energy at the atomic and sub-atomic level to create powerful new quantum materials and technologies. In 2016, the U.S. National Science Foundation designated the Quantum Leap as one of its “10 Big Ideas for Future Investment.” Worldwide, funding is pouring into the development of new quantum technologies in computing, communications and sensing, layered 2D materials, spintronics, and single atom or photon qubits. Nations are racing to be the first to use quantum entanglement to secure communications. Companies are competing to build the first quantum computers capable of crunching reams of big data and solving complex problems currently beyond our reach.

Let’s build an international Quantum Education Community

Interested? Involved? Seen something cool? Add a pin! Leave a note!

C.L. Alpert, K. Thate, M. Litwhiler - Museum of Science, Boston
Contact: calpert@mos.org, kthate@mos.org, mlitwhiler@mos.org

The quantum world is complex, counter-intuitive, startling, and somehow “real.” The quantum technologies that may someday transform how we live and work are now in their infancy. Science centers and museums have a unique opportunity to partner with quantum research centers across the globe to produce pioneering exhibits, activities, media, and forums, engaging the broader community.

Do you want to make a QUANTUM leap?

NSF is Making a Quantum Leap - How Can Science Museums Keep Up?

Join us for a conversation about Quantum Education
Sunday, October 22nd, 12pm in the Exhibit Hall Networking Area

We can share experiences...
Brainstorm new ideas...
Form a CoP...
...and make plans for an international workshop!

Have other entanglements? Can’t superposition yourself in two places at once? Please leave us a note and we’ll be in touch...

I and/or others have interest in developing quantum education at my institution, here.

I know about some cool quantum education happening here.

We’re already involved in quantum education here.

Quantum Research Hub

A satellite launched by China’s US$100 million Quantum Experiments at Space Scale program in 2016 demonstrates entanglement and teleportation between space and multiple ground stations, paving the way “to ultrasecure communication networks and, eventually, a space-based quantum internet.”

SQS... Minute Physics... Veritasium... Science... Physics Girl... Quantum Computing Concepts w/ Prof. Andrea Morello UNSWTV... and do not necessarily reflect the views of the National Science Foundation.

It may be cool to brainstorm new quantum education ideas, but it is even more crucial to communicate quantum science and technology effectively. As in any science, communication is key...