

Agenda October 7 Kickoff National Q-12 Education Partnership

Version October 6, 2020

On October 7, 2020 from 10:00 AM-1:00 PM ET, the National Q-12 Education Partnership, in coordination with the White House office of Science and Technology Policy and the National Science Foundation, will hold a kick-off meeting. There will be a 1 hr opening session to highlight the initiative, discuss quantum information science education, and provide information on the partnership to stakeholders across academia, government, industry, professional societies, and K-12 education. Following the first 1 hr session, there will be a 2 hr closed, working session of the partnership to exchange ideas, share information on current activities, develop goals, and identify near-term deliverables. The meeting will also serve to create avenues for connectivity among the partnership and with the larger quantum education community such that members can begin working together on shared goals.

About the partnership:

The National Q-12 Education Partnership includes tech companies, scientific professional societies, academics, and the NSF-funded Q2Work Program. Together, we aim to support and grow a quantum workforce that is diverse and equitable, such that the QIS innovators of tomorrow can make discoveries, invent new technologies and drive societal change. Beginning with K-12, we want to increase opportunities, access, and the quality of age-appropriate QIS educational experiences for students from all backgrounds.

Agenda (all times in ET)

10:00 am - 10:10 am	Welcome remarks	Moderator: Tomasz Durakiewicz, NSF USCTO Michael Kratsios NSF Director Sethuraman Panchanathan
10:10 am – 10:20 am	Presentation of partnership vision and highlights	Assistant Director for QIS at WHOSTP; Director of NQCO Charlie Tahan

10:20 am – 10:55 am	Panel discussion of QIS education, K-12, challenges of working in this area, some example models of success.	<p><i>Panelists</i></p> <p>James Whitfield, Dartmouth/QBraid</p> <p>Chandralekha Singh, U. Pittsburgh & AAPT</p> <p>Gabriela Gonzalez, Intel Foundation and member of NSF STEM Advisory Panel</p> <p>Krysta Svore, Microsoft</p> <p>Moderator: Corey Stambaugh, NQCO & WHOSTP</p>
10:55 am – 11:00 am	Concluding remarks/transition to working session	Tomasz Durakiewicz, NSF
11:05 am -12:05 pm	<p>Breakout group discussions</p> <ol style="list-style-type: none"> 1. QIS materials: Learning tools that can be used independently or explored in informal settings; quantum courses/modules; infusing Key Concepts into classroom 2. QIS Careers: inspiration, internships, mentorship, networking 3. QIS Outreach to communities of interest, including public audiences 4. QIS Professional Development for educators 	
12:05 pm – 12:15 pm	Break	
12:20 pm -12:55 pm	Follow-on discussion of read out of breakouts and next steps	Moderators: Emily Edwards, UIUC and Q2Work; Diana Franklin, U Chicago and Q2Work
12:55 pm – 1:00 pm	Concluding remarks	Assistant Director for QIS at WHOSTP; Director of NQCO Charlie Tahan

