

Quantum Engineering Research and You (QuERY)

Mentor Info Sheet

Format and time: Zoom, once a week at 5:30 - 7:00 pm EST. In-person mentor visit and student poster session at end of semester (travel reimbursed).

Program duration: 2/12 - 5/24

Eligibility: Graduate students, postdocs, and post-baccs affiliated with Harvard or MIT

Program structure:

For the first two months, mentors will take turns presenting on a core concept related to quantum (such as waves or entanglement), as well as the story of their own research journey. On alternating weeks, each mentor will lead their own group of high school students in a discussion or group activity that helps illustrate the scientific concepts from the week before.

In the final month, each mentor will guide a team of 3 - 4 high school students to complete a project. Projects are very flexible, with an emphasis on helping students develop science communication skills & an understanding of research careers. Depending on your team's interests, they may participate in a journal club, simulate a scientific result, or build a science demo. The last day will be a poster session and a party!

Contact Jennifer Wang (jwang17@mit.edu) or Matthew Yeh (myeh@g.harvard.edu) with any further questions, or check out our website at <https://mudyeh.github.io/query/>. Thanks!