

The Goldhaber Prize is awarded annually by the department to its most outstanding current PhD students based on their research accomplishments, as determined by a vote of the faculty. Winners of this award give presentations at the Historical Lee Lecture. They are guests at the dinner held prior to the lecture, and each receive a \$3,000 check.



Shannon Harvey

2017 GOLDHABER PRIZE WINNER

Shannon Harvey is a graduate student in Amir Yacoby's group studying spin qubits. She has worked on a number of projects aimed at improving entangling gates in her experimental system, which is a key step toward making spin qubits viable as the building blocks of a quantum computer. One of her main interests during her PhD research has been the origins of noise in semiconductors, and she has worked on developing measurement and fabrication techniques to investigate this issue. She attended

college at Cornell University, where she studied math and physics and ran a small cooperative residential house.

Harvey's favorite aspect of graduate school has been the opportunity to learn about different fields and master new skills, an exciting challenge since she didn't know what a dilution refrigerator or cleanroom were when she began her studies here. In her free time she enjoys reading and cooking.