

In Fall 2024, the Brandeis MRSEC organized an inaugural field trip for the Waltham High School Science Club with the goal of introducing high school students to research experiences at Brandeis University and supporting university enrollment.

In small groups, high school students were rotated through Brandeis research labs where they participated in a hands-on activity led by MRSEC trainees. Research discussed covered topics such as self-assembly, epigenetics, and microscopy. Students were then given a guided tour which introduced them to campus life but also discussed application support that is available for WHS students.

For the inaugural field trip, 45 high school students were in attendance and five research labs were engaged. Due to the success of this event, the MRSEC plans to expand engagement in upcoming years.



Waltham high school students investigating how confinement changes behavior of self-propelled particles (left). Graduate student, Simon Liu, shows high school students a model to describe the principles of self-assembly (right).