



Kevin S. Huang is a senior at Centennial High School and visiting student at Johns Hopkins University with strong research interests in physics. He has self-studied physics since 8th grade, passing both AP Physics C exams with 5 and SAT Physics with 800. As a two-time silver medalist of the USA Physics Olympiad, Kevin is ranked among the top 100 physics students in the nation.

Last year, he conducted research in the Department of Physics at the University of Maryland, Baltimore County, studying the theoretical conditions to perform joint measurements in quantum dot systems. His project won the 2016 Grand Prize in Physical Science at the Baltimore Science Fair, an all-expenses paid trip to the Intel International Science and Engineering Fair (Phoenix, AZ), and a full college scholarship from Towson University. Kevin was also nominated as an Associate Member of Sigma Xi, The Scientific Research Society. In February 2016, he was officially invited to join the Department of Physics at Johns Hopkins University. Kevin has since been working on a theoretical project analyzing topological defects in ferromagnets, with an expected publication in the fall.

Kevin co-founded the Howard County Chinese School Physics Program last year where he volunteers his time to help students succeed in physics exams. Kevin taught the Olympiad Physics class and served as a teaching assistant for the AP Physics classes. This year, he is continuing his teaching with AP Physics C. He has kept tutoring activities active in school and the community. In his spare time, Kevin is a dedicated pianist, having performed at many prestigious venues in the US and abroad as well as at numerous hospitals, senior centers, universities, and government institutions. He enjoys reading, traveling, photography, playing chess, table tennis, and attending concerts, ballets, and operas.