

News Release

Tenafly Public Schools
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For Immediate Release

Seven THS Students Named Finalists at Regionals for Junior Science and Humanities Symposium

Finalists to present at regionals for the Junior Science and Humanities Symposium at Rutgers University and Ocean County College.

Tenafly, N.J. – February 28, 2022 – Seven Tenafly High School Science Research students have been named finalists and will present at the NJ Junior Science and Humanities Symposiums; the [New Jersey Junior Science & Humanities Symposium \(NJJSHS\)](#) at Rutgers University and the [Jersey Shore Junior Science Symposium \(JSJSS\)](#) at Ocean County College. The two symposiums include presenters, a three-minute pitch category for freshmen and sophomore students, and poster finalists.



Presenting at the 2022 NJ Junior Science & Humanities Symposium (JSHS) at Rutgers University are oral presenters senior Hannah Joung on “Long term toxicity of e-cigarettes using markers of cardiovascular health in mice as a persistent comparative outcome” and junior Crystal Ye on "Using Endogenous MicroRNAs in Virus Diagnostics." Poster

finalist junior Alexandra Yanowitz will present on "Exploring the Scenario-based Need for EV Charging Locations in NJ Using ILIT Location Analysis Model", and the 3-minute pitch finalist for sophomores and freshmen, sophomore David Sen will present on "Using Artificial Intelligence for Cancer Detection from Images."

Presenting at the 2022 Jersey Shore Junior Science Symposium (JSJSS) at Ocean County College are poster finalists seniors Isabel Dubov on “Using Cdc14 ortholog to create antifungal treatment against *Verticillium longisporum*”, Jacob Wolmer on "A Novel Method of Text Encoding for LSTM Network Text Generation”, and Junior Kathy Zhang on "A Low-cost Autonomous Quadropod that Measures Basic Soil Quality Values in Real Time for Early Preventions of Soil Pollution".

The JSHS Program is a tri-service – U.S. Army, Navy, and Air Force – sponsored STEM competition that promotes original research and experimentation in the sciences, technology, engineering, and mathematics (STEM) at the high school level and publicly recognizes students for outstanding achievement.

The JSJSS promotes research and experimentation in the sciences, engineering, and mathematics at the high school level, and publicly recognizes students for outstanding achievement. The two-day event includes presentations from New Jersey high school students on their individual science research projects.

For information on the JSJSS, visit <https://www.ocean.edu/programs-and-courses/jersey-shore-junior-science-symposium/>. For information on the NJJSSHS, visit <https://soe.rutgers.edu/jshs>. For information on the THS Science Research program, visit <https://www.tenaflyschools.org/domain/571>. For information on Tenafly Public Schools, visit www.tenaflyschools.org or contact Christine Corliss, Communications Manager, at 201-816-4554 or ccorliss@tenafly.k12.nj.us.

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