

I-SENSE AND LOCAL SCHOOL CELEBRATE FIRST YEAR OF PARTNERSHIP



**DONNA KLEIN
JEWISH ACADEMY**

Boca Raton, Fla. (August 24, 2018) - I-SENSE

marked the inaugural year of its partnership with the Donna Klein Jewish Academy, a K-12 school in Boca Raton. Through this partnership, students enrolled in the academy's Engineering Program at Claire and Emanuel G. Rosenblatt High School, visited research laboratories, attended seminars, and engaged with current I-SENSE students and faculty members on FAU's Boca Raton campus. Participants worked on a robust research and development project. At the end of the year, they showcased their project on campus to faculty members, students, family, and friends.

The academy team developed a project called "Ear Sense," in which they placed a sensor on a cane and programmed it to read rfid chips on top of wall baseboards, enabling a blind person inside a building to ascertain their location. Once the tag was found, the rfid was read, and via Bluetooth, it would speak to the person using the cane.

"It can be programmed and reprogrammed to say anything," said Noah Rubin, an academy student who worked on the project. "It would be great for eyesight-impaired people to be able to be more independent when they are in an enclosed space where traditional GPS does not work."

"This partnership gives our students, budding engineers in their own right, an opportunity to dream about their futures while working under the guidance of (I-SENSE director) Dr. Hallstrom and his talented team," said Rabbi Marsall Lesack Claire, principal of Emanuel G. Rosenblatt High School. "We are so pleased about the work that we are doing with FAU and look forward to the continued success of our students as they develop their skills in these areas both at our school and with the I-SENSE faculty."

A Certificate of Completion and Academic Excellence in the Donna Klein Jewish Academy Engineering Program will be presented to students who have completed both a full year in the I-SENSE program and required Engineering and Computer Sciences courses at Rosenblatt High School.

"Identifying impactful ways to engage with our community and to inspire the next generation of engineers and scientists is a core tenet of our mission," said Hallstrom, Ph.D. "Our partnership with the Donna Klein Jewish Academy will create opportunities for their students to be inspired by FAU's thought leaders, and for our thought leaders to in turn be inspired by the coming generation."