



tackling today's world of environmental and medical challenges

OCIS & Monrovia Public Library Innovation Station Workshop June 28, 2018



Summer is always a busy time for Oak Crest. This year we are teaming up with the Monrovia Public Library to present Innovation Station workshops. We invited local students to bring their parents into the library and examine dollar bills under light microscopes and black light, and show their parents the meticulous care and artistry that goes into making the different

denominations of bills. Everyone agreed that they knew more about our currency after checking it out in our workshop.

Arcadia Performing Arts Center STEAM-M Evening



Under a slowly setting sun, the Oak Crest Institute of Science set up a display of microscopes and bug collection in the courtyard of the Arcadia Performing Arts Center at the annual STEAM-M event for Center members. The 1800 members who turned up had the opportunity to examine our bug collection using our microscopes, take pictures with them, and talk with our outreach team of scientists. The microscopes were popular with kids and

parents, and everyone enjoyed the wooden microscope they could use with their cell phones. We made lots of new friends and hope to see them again.



The YES Program

News & Events

The Rose Hills Foundation - OCIS Seminar Day June 21, 2018

- *Pseudomonas putida* in Phosphorus Recovery
- Destiny Cambero, and Michelle Do
- Citrus College
- Green Rust
- Julie Huynh
- Pasadena City College
- Drug Transporters in Vaginal Epithelial Cells
- Kaori Saito* and Nicko Guzman
- *Los Angeles Valley College and Pasadena City College
- In vivo and In vitro Evaluation of Enzymes and Cytokines of Human Vaginal Matrices Sylvia Pere and Ivan Villanueva
- Citrus College

The Rose Hills Seminar day was resounding success this year. Thanks to Monrovia Public Library, the students had a lovely space to showcase their skills.

All the presenters were knowledgeable and well-prepared on the topics. Some of the presenters will be staying on at Oak Crest to continue their work which speaks to their achievement and work ethic.

OCIS-i is Taking Shape

The Oak Crest Institute of Science incubator (OCIS-i) is taking shape. After the announcement with the City of Monrovia at the MADIA event, Wednesday June 13th, we



Oak Crest has begun a collaboration with the YES program. The YES program provides mentoring and intervention geared toward high-school students who have failing grades, an unstable home life, a police record or just a bad attitude. Now in its eighth year the YES program has successfully graduated over 145 at-risk kids. In 2017, Oak Crest provided

research opportunities to two YES interns and this year four internships were offered. The successful applicants underwent an intensive training program to take charge of a summer academy for local middle and high school students. The YES interns are responsible for teaching basic biomedical laboratory skills to their students during the morning sessions of the Summer Academy.

Oak Crest Celebrates Our 20TH ANNIVERSARY

Oak Crest Institute of Science is proud to celebrate its 20th year! We are planning a celebration in the Oak Crest manner with food from the Lime Food Truck in the back parking lot and great music by the Jim Jedeiken Quartet.

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are beginning to transform the warehouse space next door into a fully operational lab space. This includes basic upgrades such as drywall partitions up to installing lab benches, chemical fume hoods and other equipment for our first tenants. OCIS-i will leverage our skills in lab space planning, scientific equipment, research, workforce development and business management to accelerate the technology development of our startup clients. The goal is to make our expertise and infrastructure available to the local startup community to bring new businesses, technologies and jobs to Monrovia by doing what we do best: great science, great teaching, on a tight budget and full speed ahead without all the red tape. The space will provide basic bench space to test a new idea all the way to private, lockable lab space, including access to OCIS equipment (fee-for-service or hourly usage rate) and OCIS know-how ("rent a scientist"). This opens a new and exciting chapter for OCIS and places the institute at the center of the Monrovia startup scene.

ANNOUNCEMENTS

Highlights for Next Month



Oak Crest's own Simonne Jovic has written a chapter in an environmental sciences textbook

entitled, *Microplastic Contamination in Aquatic Environments*.