



# Computational Biology Research Camp for 8th - 12th Grade Students

miRcore, a non-profit organization, will be leading a computational biology research camp for academically motivated 8th - 12th grade students. The camp, hosted by the Scripps Translational Science Institute in La Jolla, CA, offers students interested in computer science, math, natural sciences, and medicine, an opportunity to learn about the role of genomics in disease. Students will be taught how to perform computational biology research using clinical data to identify genes related to certain diseases. A separate basic genomics session will be given to accommodate students who may not have taken first year high school biology.

**DATES:** Week 1: Aug. 6 - Aug. 10, 2018 (Mon - Fri) | Week 2\*: Aug. 13 - Aug. 17, 2018 (Mon - Fri)  
*Students have the option of participating in one week (either Week 1 or Week 2) or both.*  
*\*Note: prerequisite to enroll in Week 2 only is previous computational biology camp attendance or similar experience.*

**TIME:** 9:00 am - 4:30 pm

**LOCATION:** Dorris Neuroscience Center (DNC)  
The Scripps Research Institute  
3528 General Atomics Ct.  
San Diego, CA 92121

**FEE:** One week - \$615 non-member/\$535 member | Two weeks - \$1,205 non-member/\$1,085 member

**GOALS:**

1. Expose high school students to career opportunities in biomedicine through hands-on experience in computational genomics, preparing them for the emerging era of medical genomics, when all clinicians must be well-acquainted with genetic discoveries, technologies, and applications.
2. Give research opportunities to 8th-12th grade students beyond the school setting.
3. Identify future GIDAS (Genes In Diseases And Symptoms) club leaders.

Students with camp certificates will be qualified to become miRcore volunteers. Each school year, high school volunteers choose a disease of focus of the year, collaborate with similar level students to research the disease, and lead a school GIDAS club. **Please note that this camp is not residential.**

To learn more and to register, visit  
[www.stsiweb.org/event/summer-camp-2018/](http://www.stsiweb.org/event/summer-camp-2018/)

