

## EDUCATOR PROGRAM & CURRICULUM

**Illumina and the Biocom Institute are excited to offer the Genomic Discoveries Educator Program & Curriculum.**

This program brings real-world genomic experiences to your classroom. Using Illumina's latest technology, iSeq, you and your students become the detectives in identifying the bacteria at the source of a "foodborne illness outbreak."

You and your students will also have the opportunity to visit the Illumina Campus and connect with Illumina employees about the world of genomics and the careers that support the industry.

### To be eligible, you must:

- Teach in a public/private/charter high school in the subjects of Biology or Biotech. AP Biology, Honors, Biotech CTE Pathway and IB Biology classrooms preferred.
- Have necessary lab space and safety protocols in place to execute the Lab in a Box program.
- Participate in all professional development workshops.
- Commitment to reserve up to 2-weeks of instructional class time for the lab experience.
- Open up your classroom for visits from Illumina and Biocom Institute staff members. Provide teacher and student feedback and evaluation throughout program.
- Share your lesson plans, lab reports and other documentation related to the curriculum.
- Media waiver to take pictures and videos in your classroom. Permission to share pictures and videos on social media and websites.



### PROGRAM DETAILS

- 4-day summer professional development workshop\*
- Training to prepare you to bring real-world genomics lab experience into your classroom
- Use of Illumina's iSeq 100 sequencing platform. All other necessary lab equipment/reagents will be provided to execute the lab experience
- Illumina campus tour for you and your class
- Introduction to careers in biotechnology to your students through Illumina employees
- Office-hours and technical support throughout the program from Biocom Institute
- End-of-the-year celebration for teacher cohort
- Certificate of completion and professional development credits offered

*\*If we are still unable to meet in-person we will complete a partial training virtually and provide additional support during the school year to help you conduct the program with your students.*

**CLICK HERE TO APPLY**

For more information, contact Marisa Molina at [mmolina@biocom.org](mailto:mmolina@biocom.org)

Biocom Institute is committed to supporting teachers and will be providing additional information and resources to address their needs. We know COVID-19 has many of our Science teachers searching for activities and programs they can utilize online. That's why we curated a list of the online resources our Life Science teachers use in their classrooms.

[VIEW RESOURCES](#)

Would you like to learn more about bringing genomics education opportunities to your school or district?

[LET'S TALK](#)

[www.biocominstitute.org](http://www.biocominstitute.org)

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