

Get Back to School with Baylor Genetics

From genetics to infectious diseases, Baylor Genetics is here to support your students, faculty, and staff for COVID-19 testing, tracking, and monitoring.



Many schools around the nation are challenged with the decision on remote learning or returning back to campus. By partnering with Baylor Genetics, schools can easily and safely overcome this challenge and resume classes in person.

When an academic institution partners with Baylor Genetics, they are:

- Providing an opportunity for students to learn more effectively
- Limiting the spread on campus through data tracking
- Creating a safe environment for students that are low-income, minority or have disabilities
- Taking necessary measures to remain productive, while returning to some normalcy
- Providing the highest possible care to students, faculty, and staff
- Allowing the chance for students to interact in person and support the development of social and emotional skills¹

WHY BAYLOR GENETICS?

For over 40 years, Baylor Genetics pioneered the history of genetic testing. Now, it's leading the way in the prevention and control of infection diseases. Baylor Genetics' advanced technology and team's unmatched knowledge provide academic institutions with fast, accurate results they can trust.

Baylor Genetics understands that each academic institution is unique, which is why each partnership is tailored to meet an institution's need and criteria. Partnering with Baylor Genetics includes:

- A turnkey approach including sample collection, logistics, testing and reporting
- An on-site testing site organized and performed by Baylor Genetics
- Bulk ordering developed in consultation with the institution's health program
- Test results in 48 hours or less (note: from when a sample is received at the BG Lab for processing)
- Efficient processes for on-site collection, including QR scanning for comfort and efficiency
- Population management reporting for the institution's leadership
- Expertise and consulting from Baylor Genetics regarding sampling and testing approaches
- Genetics and healthcare professionals (note: available depending on the size of the organization)
- Easy-to-use, EUA approved, at-home test kit that can be shipped to students and faculty (note: available starting September 2020)

ABOUT BAYLOR GENETICS

Baylor Genetics, an affiliate of the #1 NIH-funded genetics program at Baylor College of Medicine, has been a pioneer of precision medicine for over 40 years. Today, we offer a spectrum of clinically relevant genetic testing, infectious disease testing, access to world-renowned experts and the confidence to provide patients with the best care. When you partner with Baylor Genetics, you are partnering with innovative thinkers, doers and experts in the field of everything genetics.

¹ Center for Disease Control and Prevention (www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/reopening-schools.html)



OVERVIEW

Baylor Genetics and Rice University, a private university in Houston, Texas, partnered together to create a first-of-its kind, total turnkey solution for the university to resume in-person classes for the fall semester despite the COVID-19 pandemic.

CHALLENGE/OPPORTUNITY

The challenge faced by Rice as well as other universities nationwide is to continue in person classes and on-campus life during the pandemic. During the spring of 2020 many colleges and universities closed entirely for in person operations at enormous cost to education, research, the university employees and campus life.

Baylor Genetics was offered the opportunity to provide large-scale testing for Rice to resume safe operations and a "Return to Rice" normalcy.

"In terms of learning online, I found that it wasn't that intuitive and effective for my own learning style... Being on campus again feels a little bit more of what we are used to, even though we live in a new reality. It's closer to normal so it's exactly what we were hoping for."

Victor Nguyen
Senior at Rice University

SOLUTION

The solution employed by Baylor Genetics is a novel turn-key solution that provides all the needed elements for getting a University up to full operations as well as a method for success.

- Large-scale, surveillance and symptomatic testing for the university's faculty, students, and staff
- Customized population management reporting system to support Rice Crisis Management for campus management and decision making
- A customized, manifest-based ordering system
- On-site specimen collection via a vendor partnership
- Barcoding of specimens on campus to automate accessioning at Baylor Genetics



BAYLOR GENETICS TESTING
FOR STUDENTS, FACULTY
AND STAFF



TEST RESULTS RETURNED
TO INDIVIDUALS AND
UNIVERSITY LEADERSHIP



ENABLED OPERATIONS
FOR THE UNIVERSITY
AND COMMUNITY

OUTCOME

The outcome of this partnership is a comprehensive testing operation that will perform ongoing screening of the entire university community throughout the semester. Approximately 60,000 tests will be performed by Baylor Genetics with a turnaround time of 48 hours or less. The quick turnaround time enables University leadership the ability to quickly act and implement new University policies to ensure a safe campus community. Thousands of tests have already been performed with excellent feedback. The testing component is one key element in a comprehensive strategy for safe operations.



"Testing by itself is not enough. What matters is how we use that information to act quickly to isolate, treat, contact trace and quarantine those affected. A systematic approach is the best practice for creating an environment that will mitigate the spread of COVID-19."

Kevin Kirby
Vice President of Administration
at Rice University