

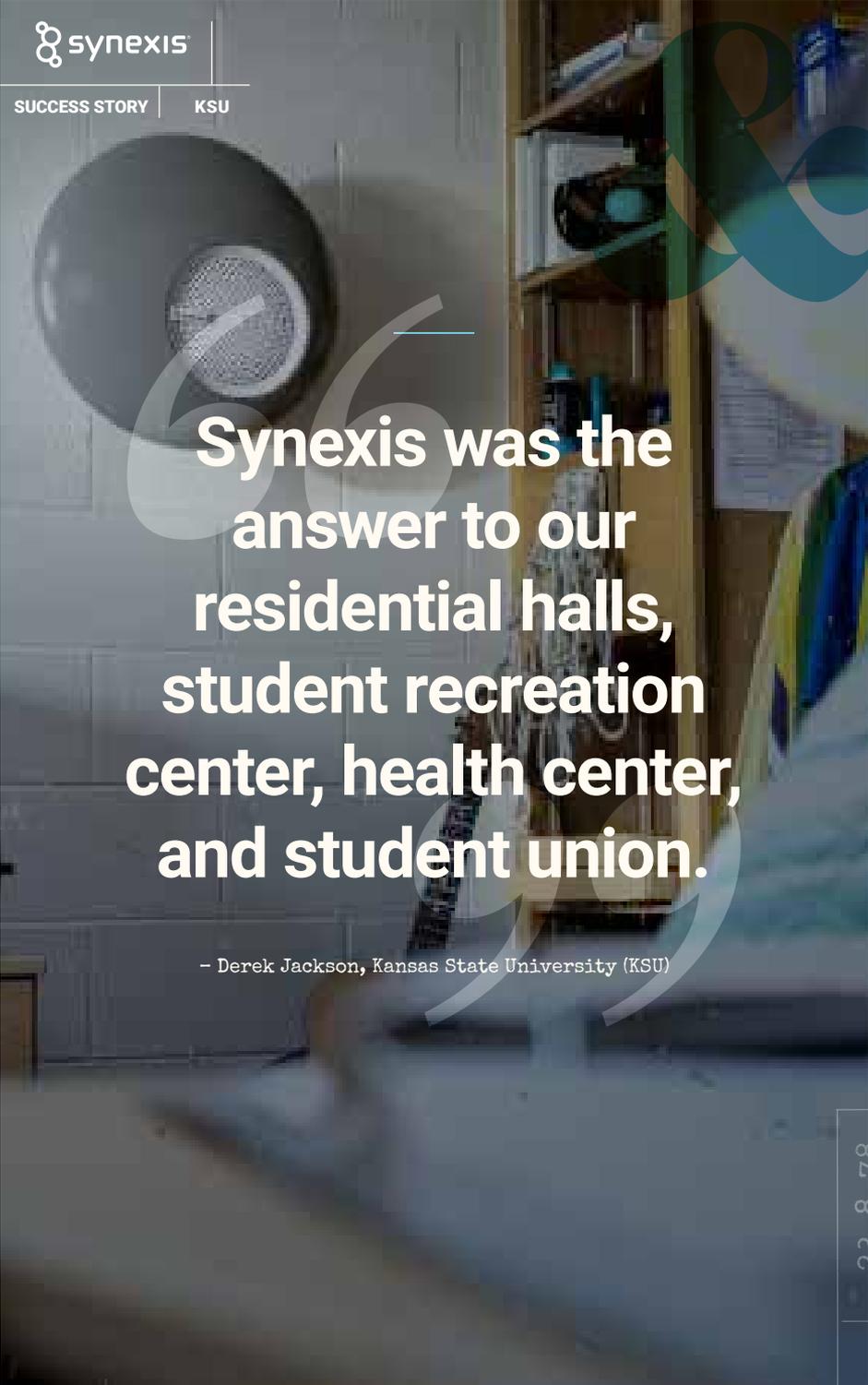


# Fighting mold & viruses at KSU.

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KANSAS STATE UNIVERSITY'S  
SUCCESS STORY





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- Derek Jackson, Kansas State University (KSU)

 The  
KSU STORY

Kansas State University's main campus in Manhattan, KS has the familiar buzz of students dashing between lecture halls and dining halls. And like all large universities, it also has plenty of freshmen in the dormitories, living on their own for the first time.

"Our residence halls are like kindergarten classrooms for freshman," says Derek Jackson, Associate Vice President of Student Life, who also serves as the Director of Housing and Dining Services. "Students come from all over the country, really all over the world, bringing their germs with them. And because of that, they introduce new things to the community."

One thing is different about Kansas State University, though—it's also the home to the Biosecurity Research Institute (BRI), which allows them to conduct biodefense research for infectious diseases that pose threats to humans, plants, and animals. It was through working closely with BRI that led Jackson to investigate different solutions for cleaner air and surfaces across the dormitories he oversees.

At first, mold was Jackson's primary concern. In the University's history, media outlets had picked up on the spread of mold across a few residence halls. And while Jackson and his team were doing everything to fight it off, it became clear that there was a need for a more continuous solution. In high-humidity climates like the Midwest and South, mold is a recurring issue—and coupled with a constant exchange of students year after year, it would never take long to spread.

Jackson and his team didn't want a temporary fix; they wanted to invest in something that would continuously create cleaner environments for their students and staff, both in the air and on surfaces. So a research initiative began.

By consulting medical directors, health and sanitation experts on campus, and leads at BRI, Jackson was able to convince his leadership to roll out Synexis across a handful of problem-area residence halls.

“Over winter break, we started deploying them in environments we knew were much more likely to have a mold outbreak,” Jackson says. And then it became clear to Jackson and his team that they’d made the right choice. And the initial trial program transformed into a surge of requests from other departments to install Synexis devices in their buildings, too.

“Synexis was the answer to our residential halls, student recreation center, health center, and student union, as well as housing,” Jackson says. Utilizing both the in-line Blade unit, as well as the portable and adaptable Sphere, the faculty of Kansas State University have built a confidence that Synexis is continuously creating cleaner environments across campus.

But the confidence in Synexis also comes from the validation from their own Biosecurity Research Institute, saying “this is a system that works.”

By consulting various teams of experts, and working closely with BRI, Jackson was able to craft the right solution for his university. “I’ve had colleagues who have had major issues on their campus with mold, and it gets very politicized. I’ve stood in front of my colleagues and said this is a potential solution.”

And Jackson has heard plenty of positive feedback about the decision and its benefits. “One of the advantages of this system is it can run constantly in a space. This system gives an over-arching care for our space.”

For other universities facing challenges like Kansas State did with mold, Synexis could be their solution too. Fighting more than just mold, Synexis produces a continuous flow of DHP™ (Dry Hydrogen Peroxide), reducing a variety of microbes like viruses, bacteria, odors, and insects.

"I appreciate the willingness of Synexis to dig in and problem-solve the areas that weren't readily evident," says Jackson. "The team there has done a great job listening, learning, and taking advice."

From identifying the environmental issues of any facility to analyzing present cleaning practices, and assessing the proper placement of products, Synexis will design a plan that can assure any university gets the right fit.

For more information, get in touch at [Synexis.com](http://Synexis.com).

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