

BIOSECURITY AND BIODEFENSE



Public and private investment in K-State's researchers, facilities and students leads directly to new business ventures, job creation and personal income growth for Kansans. K-State is the only university in the world with biosafety level-1 through biosafety level-4 facilities on or adjacent to campus, giving our state unequalled assets for economic growth.

K-State's plan for economic prosperity makes Kansas the foremost U.S. location for private-public research collaboration on pathogens of global significance.

Facilities

K-State builds industry capacity in technological advancements for greater profits, streamlining the discovery-to-commercialization process. A module within the Biosecurity Research Institute will allow corporate partners to research countermeasures and scalable production for zoonotic diseases. An expansion of the Large Animal Research Center will increase space for animals for pharmaceutical studies. Facilities in the College of Veterinary Medicine will provide imaging and molecular analyses for private-sector collaborators.

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Partnerships

By leveraging state, regional and federal resources to support commercialization, investment and job growth, K-State is advancing our state's biosecurity and biodefense strengths. K-State Innovation Partners streamlines corporate engagement with university innovators and collaborators. The Kansas City Animal Health Corridor — K-State and Manhattan are the western anchors — supports 300 animal health companies, 56% of the worldwide industry, as well as many industry venture capital firms.

Homegrown talent

Attracting, educating and retaining homegrown talent is one of K-State's highest priorities. K-State faculty are committed to training the next generation of Kansas scientists to study high-consequence pathogens. Among many other research opportunities, the training laboratory at the Biosecurity Research Institute prepares students in a world-class setting, while working in the BRI biosecurity labs gives them further experience in highly desirable academic and corporate careers.

High-value opportunities and resources

K-State prioritizes the most advantageous federal and private sector opportunities, and identifies facility and talent needs that must be met to help our state leverage those opportunities. Multiple resources address those needs — corporate investment and philanthropy, federal/state investment, national corporate, private and family foundations and donors.

The bottom line

K-State's plan for economic prosperity will allow K-State to increase the important work that is already being done and will support the creation of **3,000 direct jobs** and **\$3 billion in direct investment** in the state within the next 10 years.

Find K-State's full plan for economic prosperity in Kansas, plus short-term progress updates and a benchmark dashboard, at

k-state.edu/economic-prosperity