



## Creating tomorrow's solutions to emerging infectious diseases

The Galveston National Laboratory (GNL) serves as a national and international resource to the infectious diseases research community. Complementing decades of prominence in biomedical research at the University of Texas Medical Branch, the GNL, in cooperative agreement with the National Institute of Allergy and Infectious Diseases of the National Institutes of Health (NIAID/NIH), provides approximately 96,000 square feet of BSL2, -3 and -4 space certified for both select and non-select agent research. The GNL houses special capabilities to develop therapies, vaccines and diagnostic tests for naturally occurring emerging diseases - as well as for microbes that might be employed by terrorists. Our resources are unique and our collaborative capabilities are extensive.

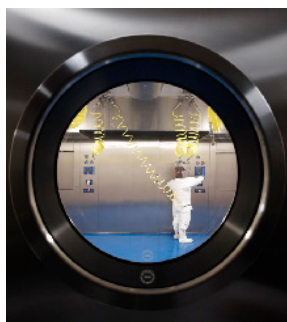
### GNL Basics

- Total gross square footage: Approx. 300,000 (186,000 GNL & 114,000 adjacent Keiller Building)
- Total laboratory space: Approx. 96,000 square feet (GNL & Keiller)
- Total BSL4 space: Approx. 14,000 square feet (GNL & Keiller)
- Total BSL3 space: Approx. 29,000 square feet (GNL & Keiller)
- R&D Opportunities: The GNL team collaborates with government, commercial businesses, private foundations or associations, as well as academic partners.

### GNL Services

*Extensive services are available to researchers and industry in biodefense and emerging infectious diseases, including:*

- Aerobiology
- Assay Development
- Experimental Pathology
- State-of-the-Art Imaging
- Immunology Services
- Insectary Services
- Preclinical Studies
- Regulated Study Support (GLP)



### Unsurpassed Expertise

With unsurpassed expertise in viral and bacterial pathogenesis, animal modeling, and product evaluation, UTMB's renowned team of biodefense and emerging infectious disease experts bring their R&D experience to bear alongside unique facilities, state-of-the-art equipment and innovative partnerships. Our collaborations include the Texas State Health Lab, Lawrence Livermore National Lab, Sandia National Lab, National Biodefense Analysis and Countermeasures Center, NIH Integrated Research Facility, Centers for Disease Control and Prevention, Pan American Health Organization and the World Health Organization.



### Unique Training Opportunities

UTMB's training programs offer an array of experienced instruction for the biocontainment researchers of tomorrow:

- The National Biocontainment Training Center (NBTC) at UTMB is dedicated to preparing infectious disease scientists to work safely in high-containment research laboratories worldwide.
- The NBTC also offers a two-year biocontainment engineering fellowship to train individuals on the commissioning, operation and maintenance of BSL2, -3 and -4 labs.
- Additional training opportunities with vaccine development, specialized imaging equipment and aerosol facilities are also available.

For information on our areas of expertise or to work with the GNL through contract or collaboration, please visit [www.utmb.edu/gnl](http://www.utmb.edu/gnl), call 409-266-6500 or email [ihii.web@utmb.edu](mailto:ihii.web@utmb.edu).