

PEOPLE. PATHOGENS. PROTECTION.

Deadly disease threats are out there—some we know about, and some we have yet to discover. We can save lives by giving countries resources to find and stop threats before they spread. We need lab systems to identify emerging diseases; surveillance to tell us when a “blip” might signal a new threat; and networks that can both respond at the source and connect globally. Most importantly, we need to work together.

Every day, our staff are in all corners of the world, doing whatever it takes: knocking on doors in remote villages, swabbing the noses of African buffaloes, making do, taking creative approaches, and stopping diseases in their tracks. Welcome to Global Disease Detection.

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Joel Montgomery describes CDC activities in Kibera, Kenya to the Assistant Secretary for African Affairs, Linda Thomas-Greenfield, U.S. Department of State.

GLOBAL DISEASE DETECTION

We focus on strengthening core capacities in host countries to improve their ability to identify and control emerging infectious diseases at the source. Beginning in 2006, the program measured progress in five key activities:

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OUTBREAK RESPONSE: Improve the timeliness and reliability of outbreak investigations and responses
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PATHOGEN DISCOVERY: Identify novel threats before they spread
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TRAINING: Build capacity and improve the quality of epidemiology and laboratory science
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SURVEILLANCE: Strengthen surveillance systems to detect, assess, and monitor the public health threats
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NETWORKING: Enhance collaboration through shared resources and synergy