

Risk Analysis of Biological Agents

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My research is bioterrorism: assessing the economic impact and risk analysis of thirty biological agents. One particularly notable accomplishment is that my work will be used in the Bioterrorism Risk Assessment for the Department of Homeland Security produced by the National Biodefense Analysis and Countermeasures Center (NBACC) for the White House. Specifically, I have compiled a database of thirty biological agents detailing their viral composition, disease capabilities, dissemination rate, and countermeasures. This information is used to categorize the agents into a chart based on mortality rate, type of agent, and curability. In addition, the information initiated the most recent phase of examination. These agents are ranked using the specific criteria based on affordability, accessibility and dissemination to imminently cause the gravest impact and threat to society.

I hope to expand on this phase of my research to examine multimedia sources such as terrorist websites and publicans to future accessibility and dissemination. Additionally, I want to explore the risk analysis of agent weaponization by collaborating with members of the defense industry. Knowing the enemy is stopping the enemy. The objective of my bioterrorism research is to make a contribution to our Homeland Security efforts and serve my country. Thank you for your consideration.

