

1100-70-137

Jonathan Tran (jonathan.tran@ttu.edu), 910 East Slaton Road, Lubbock, TX 79404, and
John Calhoun* (john.m.calhoun@ttu.edu), Lubbock, TX 79426. *Zombie Lazarus Research*.

Zombie research involves the modeling and tracking of an illness which is not well understood. By having a robust design we can use and share the Lazarus program to research all kinds of diseases, infections, and virus trends that happen in society everyday, such as the spread of zombie infections. Computer simulations are monitored and studied using Mathematics, Statistics, and Biology. The goal is to be able to accurately include key factors such as human resistances, rate of contact, lethality rate, lifespan of any illness, and more while creating a visual understanding about what is happening using charts and graphs. (Received February 05, 2014)