

1056-Q5-2023      **Urmi Ghosh-Dastidar\*** ([ughosh-dastidar@citytech.cuny.edu](mailto:ughosh-dastidar@citytech.cuny.edu)), Namm 711 (Mathematics Department), 300 Jay St., Brooklyn, NY 11201. *Bio-Surveillance in Undergraduate Mathematics Classroom*. Preliminary report.

Knowledge of disease outbreaks (exposures and outcomes), and factors affecting disease transmission is the groundwork of epidemiology and public health. In this presentation, the author will demonstrate how undergraduate students can be exposed to the topic of Bio-Surveillance in classroom environment. The students are exposed to analysis of spatial disease data, and illustration of the importance of such techniques in public health, geography and epidemiology. (Received September 22, 2009)