

1086-39-1900 **Eddy A Kwessi*** (ekwessi@trinity.edu), One Trinity Place, San Antonio, TX 78212. *A Contest-Competition model with Allee Effect*. Preliminary report.

In this talk, we investigate the stability and bifurcation of a two-dimensional contest-competition model with Allee effect. We utilize the notion of critical curves and singularity theory to investigate the global dynamics of the system (Received September 24, 2012)