1147-37-405 Sara W Lapan* (slapan@ucr.edu), CA. Local dynamics of a map tangent to the identity. In this talk, I will discuss holomorphic self-maps of \mathbb{C}^2 that fix the origin and are tangent to the identity (i.e., f(0) = 0 and df(0) = Id). I will introduce an example of such a map that has 3 characteristic directions at the origin (i.e., f([v]) = [v]), but that does not have a domain of attraction along any of those directions. I will show some some interesting behavior that occurs along one of its directions. In addition, I will discuss how adding higher degree terms to this map will sometimes enable a domain of attraction to exist along one of its characteristic directions. (Received January 22, 2019)