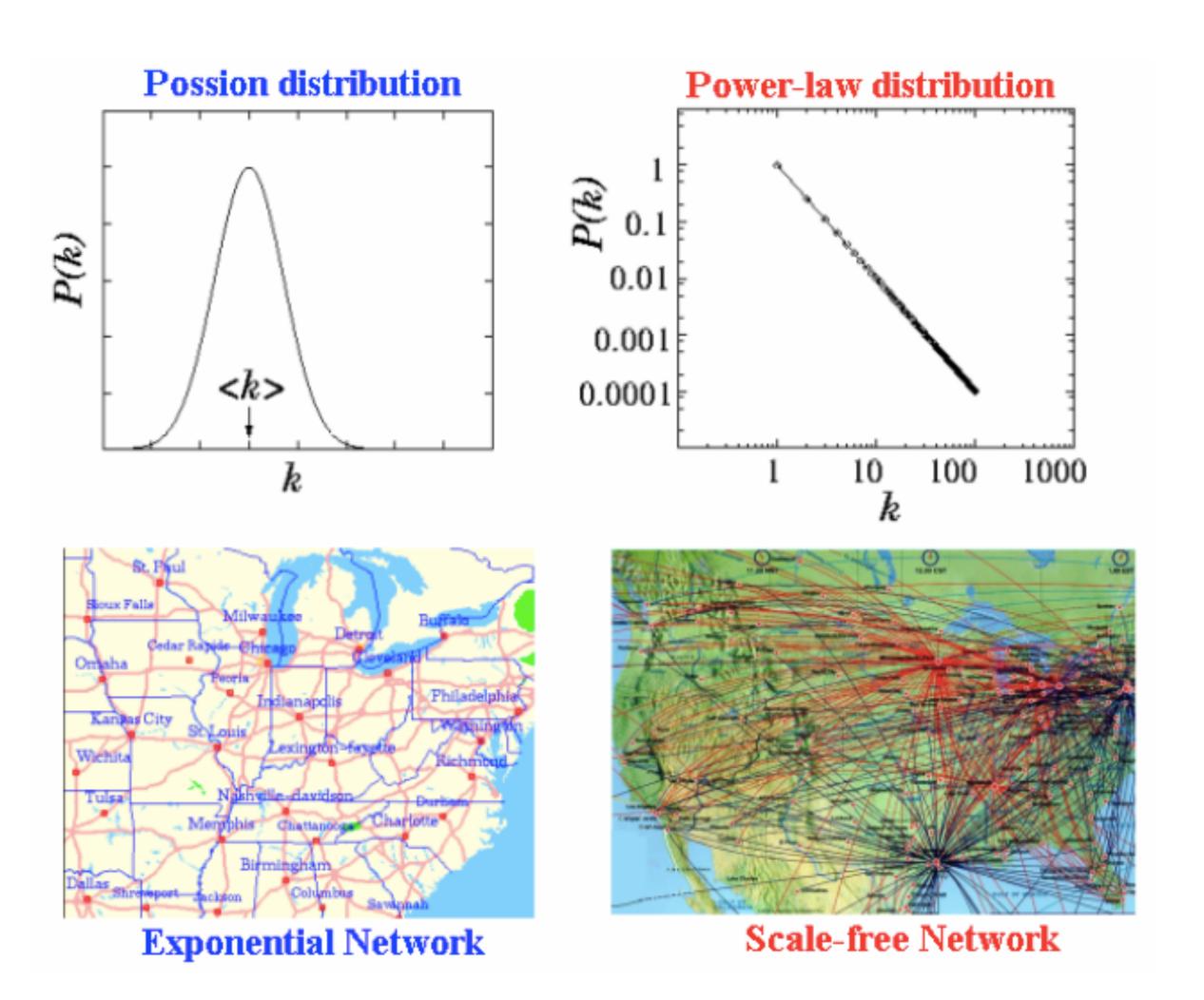
Network / Graph topology: It's a Scale Free World After All



Number of connections a node in the network has: degree (δ)

Scale-free network: degree distribution is a power law!

Random Network, Accidental Node Failure Scale-Free Network, Accidental Node Failure Scale-Free Network, Attack on Hubs Attacked hub

Scale free networks are resilient to random attacks on nodes or node failures (cf. internet on 9/11)

when more hub nodes fail though....

targeted attack!