**What does wireless-matlab provide?**

 Radio propagation: free space, two-ray, and lognormal shadowing

 Mobility: random waypoint model

 PHY: SNR-based packet capture, broadcast, dynamic transmission rate and power

 MAC: IEEE 802.11 (CSMA/CA, virtual carrier sense, and RTS-CTS-DATA-ACK)

 NET: ad hoc routing

 APP: overlay routing protocols

**How to use wireless-matlab?**

Run sim1.m or sim2.m in Matlab, modify them and action.m for your particular use. Run and modify process\_sim1.m to process log file generated by the simulation.