CANTENA BUILD

April 3rd – 4th

Build a directional, *external* antenna, for your computer out of a METAL CAN! Participants will work in groups. Then bring your new Cantenna to the wireless security audit the NEXT DAY. We will race around Rolla searching for unsecured wireless networks. Everyone is welcomed, but ACM members get priority. Teams are limited to 4 people.

WHAT TO BRING:
Metal can that is empty, free of ripples, and dings 3.25"-3.50" in DIAMETER & 5"-10" in LENGTH. Laptops, NOT REQUIRED!

WINNING TEAM:
Each member of the winning team will receive software defined radios as prizes.

WHERE:
CS 207

FEES PER TEAM
$5- Parts
 ($3 ACM members)
$1 for a can
(LIMITED SUPPLIES)

TUESDAY APRIL 3
6-7:30PM
Building the Cantenna- soldering, drilling, physical labor

WEDNESDAY APRIL 4
6-7:30PM
Wardriving- A 1 hour race around Rolla collecting Wi-Fi Beacons