Wire Waves II – a teaching model (and the necessary jig). You need two wire waves.

Materials for jig: 3/8" plywood, 3/4" plywood, 2½" hole saw and drill press, Elmer's glue, 12 #18 x 1" wire brads, aluminum ground wire (RadioShack #15-035) - 33½" straight, wire cutters, hammer, meter stick (English scale), pencil, kleenex, sandpaper, 2 1" x 1" pieces of 1/8" masonite for corners to be clamped, 2 C-clamps (3"?)

Plan for jig:

Uses: (a) not laser light - not coherent (phasing)
(b) double slit diffraction and interference (the pattern), with two wire waves
(c) monaural vs stereophonic phonograph records, with 4λ and 3λ wire waves
(d) interference II - constructive and destructive (phasing)

or

beats - tracings on the chalkboard (e.g. 400 and 300 Hz)