**Miami Project Design:**

1. **Initial task:**
   1. Amplitude over distances
      1. Seisan
         1. Read event files in dropbox using Seisan
         2. Plot events in Seisan
         3. Pick Pn, P-waves, and Rayleigh waves (we pick the amplitudes?)
         4. Add/save them as separate columns in the “event-stats” file on dropbox
         5. Measure the distance of each event from each station
         6. Save distances in the “event-stats” file on dropbox
         7. Plot amplitudes over the distances in python
            1. Read the file into Pandas data frame using two columns “Amplitudes” and “distances”
            2. Plot amplitude over distances
      2. Maybe do the same in Antelope?
2. **How much waves decay with distance**
3. **Velocity model**
   1. Seisan or antelope?
   2. Not sure of the details!
4. **Wave propagation**