I can read your mind... PSYCH!

Psychologists can’t read your mind, but we can record signals from someone’s brain or body to study how they feel and how they react to things, like pictures or questions. In fact, lie detector tests use some of these same methods to figure out whether people are lying!

At the **psychophysiology station in Moore Hall**, you’ll learn about several methods psychologists use in our research, including:

**EMG: Electromyography**
EMG is a measurement the electricity generated by muscle activity. We use it to record movement of facial muscles, even when those movements are so small we can’t see or feel them.

**Skin Conductance**
Skin conductance is a measurement of sweaty hands, but we use it to measure how surprised or interested you are. Polygraph (lie detection) tests use this method too!

**EEG: Electroencephalography**
EEG is a measurement of brain activity. By placing sensors on the scalp to record electrical activity from the brain, we can measure things like how soon someone recognizes a happy or angry face.

**Come see our electrophysiological recording equipment in action!**

Visit us from **11:30am-3pm** on the **second floor of Moore Hall** in the lab where psychologists actually do this kind of research.

*These techniques will also be demonstrated during the neuroscience fair from 10-11:30am in the basement of Moore Hall.*