Jonathan’s project: It will involve experience with getting eye tracking data and may involve statistical analyses or modeling, and visualization of those data in a physiologically motivated way.

Irene’s project: You will have a chance to look at (already collected) behavioral data from an affective associative learning task (yes, same one as in lab), and analyze it according to specific sets of parameters - i.e. object shape, subject group (lesioned v. non-lesioned), day of training, particular behavioral parameter (latency, go/nogo to object), etc. You will have some background reading, plus a lot of interaction with data. :-)

Gary’s project: (Please recall I am not a psychologist and I am just making this up...): I have two ideas, one involves doing a pilot replication of the Tanaka Owls/Wading birds study on Symmetric/Asymmetric Greebles as the stimuli. Since we are all asymmetric beginning experts, we would do half the study on a few subjects - test discrimination, train, test discrimination.

The other is visual expertise and the other race effect: do the discrimination pre-test on some asian faces (we have lots) and then train on asian faces at the subordinate level (i.e. associate them with names) and then test discrimination again.

In both cases above, we may need to make discrimination "harder" by adding noise to the images and perhaps pre-selecting them for being similar (we know how to do that).

Gedeon’s project: I can’t find the email, but it involved testing hypotheses (in some cases, your own!) concerning the best way to train each other on new word-symbol or word-object associations...