29-Sep  Introduction and research presentations (SHAWN)
1-Oct  Nernst equation and resting potentials I (SHAWN)
6-Oct  Nernst equation and resting potentials II (SHAWN)
8-Oct  Cell biology of neurons & pathfinding (PHIL)
13-Oct  Review of electric circuits (SHAWN)
15-Oct  Membrane models I: steady state (SHAWN)
20-Oct  Membrane models II: dynamics (SHAWN)
22-Oct  GHK equation & HH model 1 (BILL)
27-Oct  HH model 2 & Molecular biology of V-gated ion channels (BILL)
29-Oct  Molecular structure of ion channels (BILL)
3-Nov  Biophysics of bursting neurons (SHAWN)
5-Nov  Purkinje cells, Ca spikes (BILL)
10-Nov  Nerve-muscle synapse (BILL) (Midterm 1 handed out - due Nov 10)
12-Nov  Quantal transmission (SHAWN)
17-Nov  TBA
19-Nov  Mol bio of fast synapses (BILL)
24-Nov  Inhibitory synaptic transmission (BILL)
26-Nov  Slow synaptic transmission and modulation (BILL)
1-Dec  Thanksgiving
3-Dec  Hebb and LTP 1 (BILL)