Data Directory: /NERSC/output/240521\_Run2\_overnight\_reg/gen\_13/gen\_13\_cand\_14\_data.json SimLabel: gen 13 cand 14 Generation Rank: 1/44 rate\_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}} burts\_peak\_targets: {'target': 15, 'width': 2, 'min': 8} IBI\_targets: {'target': 3000, 'width': 2000, 'max': 4000} baseline\_targets: {'target': 1.5, 'width': 1, 'max': 3} rate slope: {'target': 0, 'width': 0.5, 'max': 0.5} weightII thresh\_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7} weightIE weightEl sustained\_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2\_inh burstAmp\_Fitness: {'Value': 0.08064063068150597, 'Fit': 1000.0} tau2\_exc burst\_peak\_frequency\_fitness: {'Value': 9.67741935483871, 'Fit': 1000} IBI\_fitness: {'Value': 103.42657342657343, 'Fit': 4.256639063450091} tau1\_inh baseline\_fitness: {'Value': 14.449801566442058, 'Fit': 1000} taul\_exc slopeFitness: {'Value': 1.4914284242141603e-05, 'Fit': 1.0000298290133605} probLengthConst thresh: {'Value': 14.431761816899817, 'Fit': 1000} probli sustain\_oscillation\_fitness: {'Value': 98.95052473763118, 'Fit': 1.233548595289795} problE E\_rate\_fitness: {'Value': 50.88888888888886, 'Fit': 1000} I rate fitness: {'Value': 0.32407407407407407, 'Fit': 1000' probEl maxFitness: 1000 probEE average fitness: 667.3878019430837 gnabar I average\_scaled\_fitness: 667.05484685851 gnabar\_E gkbar\_l 5 1000 -binSize: gkbar E gaussian Sigma: 30.0 propVelocity duration\_seconds 1750 0.0 0.2 0.8 1.0 1500 2000 2500 3000 3500 4000 Normalized Param Value x (um) Network Activity Raster plot of spiking 400 14 -350 12 300 250 ordered 500 100 50 --- Peak Amplitude Target 0 ---- Baseline Target 2000 4000 8000 10000 12000 14000 2000 6000 8000 10000 12000 14000 Time (ms) Time [ms]