ADAPT QAOA 2L QAOA 0.6 Mean(Grad) Mean(Grad) 0.6 0.5 0.4 0.4 0.2 0.3 0.0 5 5 15 20 10 15 20 10 Layers Layers **ADAPT VQE 2L** VQE 0.25 Mean(Grad) Mean(Grad) 0.62 0.20 0.61 0.15 0.60 0.10 0.59 0.05 0.58 0.00 300 1.00 1.25 1.50 1.75 2.00 0 100 200 400 Layers Layers