Log Infidelity Over Time **-**5 f3 -6 $\log_{10} (1 - |\langle \psi_{\mathrm{exact}} | \psi_{\mathrm{circuit}} \rangle|^2)$ -10 -11-12 0.0 0.5 1.0 1.5 2.0 2.5 3.0 Time