



adiabatic quantum computing:
maintaining ground state while
driving a quantum system

**Brownian motion of
bead in optical trap:**
maintaining instantaneous
equilibrium as trap changes

Demirplak, Rice, JPCA (2003)
Berry, J. Phys. A (2009)

Martinez *et al* Nature Physics (2016)
Patra, Jarzynski, New. J. Phys. (2017)