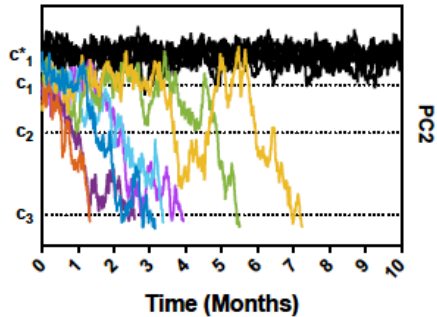


A Simulated stochastic state-transition dynamics

$$dX_t = -\nabla U dt + \sqrt{2\beta^{-1}} dB_t$$



B Evolution of probability density

$$\frac{\partial}{\partial t} p(x_2, t) = -\frac{\partial}{\partial x_2} [U(x_2)p(x_2, t)] + \beta^{-1} \frac{\partial^2}{\partial x_2^2} p(x_2, t)$$

