Running to-do

# August 22, 2016

* Rewrite C\_intrasurface in terms of the diffusion coefficient, D. Namely .
* Look at the MSD of Gaussians (in the iterative method) and compare this to the MSD for the butane torsion. Make sure the MSD is independent of the number of bins.
* Look at finding the spline (perhaps 20 points) that gives maximum flux or maximum stall force. Consider genetic algorithm.
* Look at the parameter scans in the PPT for different files to see if the maxima (or inflection points) are at different values.
* Look at intersurface flux (sloshing).
* Calculate the M-M . Specifically
* Look for a bump (or deflection) around the stall force in the flux vs. applied load graph.
* Investigate the mechanism of myosin: how is the power stroke initiated? Is it the rotation of one or a few amino acid torsions?