

I LIST BELOW THE LITERATURE REFERENCES TO TOPICS WHICH WOULD BE SUITABLE FOR THE TERM PAPER. SPRING TERM 2004

1. How Enzymes Work: Analysis by Modern Rate Theory and Computer Simulations. M. Garcia-Viloca, J Gao, M. Karplus, and D. Truhlar. **Science, Vol 303, 186-195, 2004 (9 Jan, 2004)**
2. Protein Folding and Misfolding. Christopher M. Dobson Nature Vol 426 884-890 2003 (18/25 2003)
3. Mimicking Posttranslational Modifications of Proteins, Benjamin G. Davis Science Vol 303, 480-482 (23 January 2004)
4. The Era of Pathway Quantification, Daniel E Koshland Jr. Science Vol 280, 852-853, 1998 (8 May 1998).
5. Kinesin Walks Hand –Over- Hand. A. Yildiz, M, Tomishige, R.D. Vale, and P.R. Selvin. Science Vol. 303 676-679 (2004) 30 Jan 2004
6. Mechanics of Motor Proteins and the Cytoskeleton by Jonathon Howard. Published by Sinauer Associates, Sunderland, MA 2001 ( ISBN 0-87893-334-4)
7. BASR Domains Go On a Bender M.C.S. Lee and R. Schekman Science Volume 303, pp 479-480 (2004)
8. BAR Domains as Sensors of Membrane Curvature: The Amphiphysin BAR Structure. Peter et al Science Volume 303 pp 495-499 (2004)
9. Synaptic Vesicle Endocytosis Impaired by Disruption of Dynamin-SH3 Domain Interactions. Shupliakov et. al. Science Vol 276 pp 259-263 (1997) (Note that references 7,8,9 all refer to the important topic of the mechanisms of endocytosis)
10. Force-clamp Spectroscopy Monitors the Folding Trajectory of a Single Protein. J.M. Fernandez, and H.Li Science Vol 303 1674-1678 (2004) (12 March 2004)