**Assistant Scientist, Department of Biochemistry, University of Wisconsin-Madison**

**Structure and Function of Kinesin Motors and the Yeast Spindle Pole Body**

A position is available immediately for an Assistant Scientist in the Department of Biochemistry at the University of Wisconsin in Madison to investigate the structure and function of Kinesin molecular motors and the yeast spindle pole body. The successful candidate should have demonstrated experience beyond the Ph.D. in the routine skills of molecular biology including PCR, use of restriction enzymes, and the assembly and design of constructs needed for protein expression in heterologous systems. Experience in protein characterization by routine biophysical methods is preferred. This would include experience in gel filtration, spectroscopic methods, mass spectrometry, and isothermal calorimetry. Experience in X-ray crystallography is not required as training in this discipline will be provided. The goal of this research will be to establish a structural framework for microtubule organizing centers and cargo transport by kinesin motors. Enthusiasm for understanding protein structure and function at the molecular level is essential. Individuals interested in this position should submit their curriculum vitae and a list of three references to Dr. Ivan Rayment, Department of Biochemistry, 433 Babcock Drive, Madison, WI53706 ([Ivan\_Rayment@biochem.wisc.edu](mailto:Ivan_Rayment@biochem.wisc.edu)). UW-Madison is an equal opportunity/affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.