A research technician position is available in the laboratory of Dr. Gerd A. Blobel in the Department of Pediatrics at the Children's Hospital of Philadelphia. Our laboratory studies how genetic regulatory elements are organized spatially in the nucleus and how transcription programs and chromatin architecture are organized throughout the cell cycle to maintain lineage identity. A major effort in the lab is directed towards understanding the regulation of globin gene expression and developing approaches to perturb globin gene expression to ameliorate sickle cell disease. Our work bridges basic science with preclinical studies. For our studies we combine molecular, genomic, biochemical, and imaging approaches with studies in normal and gene targeted mice.