Postdoc position anticipated in the Elgin Lab: epigenetics and undergraduate education.

We anticipate having a postdoctoral position open which will blend engagement with undergraduates with the study of epigenetic features and regulation of gene expression on the Drosophila fourth chromosome. The fourth chromosome is unusual; while the domain as a whole is packaged as heterochromatin, it contains ~80 genes, both housekeeping (e.g. Rad23) and developmentally specific (e.g. eyeless). How these genes function in such an unfavorable environment is a mystery. We will use both molecular/genetic manipulations and a bioinformatics approach (in conjunction with the faculty and students of the Genomics Education Partnership) to look for defining characteristics. Candidates must have familiarity with DNA manipulation; familiarity with Drosophila would be a plus. Position will entail active participation in the GEP - a long-term interest in undergraduate education is required. We anticipate that the position will be available starting August 1, 2015. Applications will be considered until the position is filled. NIH postdoc pay scale with benefits. For further information see our website (http://wubio.wustl.edu/elgin) and the GEP website (http://gep.wustl.edu). Please send a CV (detailing experience and past research success), names and contact information of two references, and a statement of long-term interests, detailing your motivation and interest in this position, to Sarah C R Elgin, Dept. Biology, Washington University in St Louis (selgin@biology.wustl.edu).