

## Postdoctoral Position Gene Regulatory Networks and Regenerative Biology

The Hinman lab in the Biology Department at Carnegie Mellon University is seeking an exceptional and highly motivated person for an open postdoctoral position. The project is funded by a Kaufman Foundation grant to support an interdisciplinary team (Veronica Hinman (GRN developmental biology), Jon Minden (proteomics), Bruce Armitage and Danith Ly (nucleic acid chemistry)). There are also opportunities to collaborate with computational biologist in CMU's Lane Center for Computational Biology. This project will develop the sea star larvae as a novel mechanistic model system for regenerative biology. The project builds upon our success in pioneering the sea star as a model system to understand the evolution of developmental GRNs. The goal is to determine regulatory control of GRNs in normal development and regeneration. The long term goals of this project are to determine the mechanisms of regeneration to understand why humans cannot regenerate most tissues, and to develop interventions to broaden human regenerative capability.

The position provides a great opportunity to be involved in a new interdisciplinary project with enormous potential for expansion. This could especially appeal to applicants who intend to start their own research groups after the postdoctoral appointment.

Interested applicants should send a cover letter, cv, and the names of three references to Associate Professor Veronica Hinman ([veronica@cmu.edu](mailto:veronica@cmu.edu)). Please mention any prior experience with genomic dataset analysis, including such methods as ChIP-seq and DNase-Seq, in the cover letter. The position is open immediately and will be filled by December 1, 2013.