Temporary programmer job to re-implement scientific software

The programmer will study, understand, and re-implement the Expression Variance and Evolution (EVE) model which can be used to test hypotheses of expression level adaptation. The software has already been implemented in c, but is slow and cumbersome. The re-implementation will involve working with trees, dynamic programming, nested maximum likelihood routines, and statistics. Ideally, the software will be re-implemented as an R package. The programmer will have support through meetings with Rori Rohlf. The ideal candidate will have demonstrated experience with
- scientific software development
- R package development
- efficient maximum likelihood routines
- tree data structures
- statistical analysis

Outstanding programmers may continue work in the lab if desired.

Applicants can email a cover letter and CV or resume to Rori Rohlf (rrohls@sfsu.edu) by 26 November. Please don't hesitate to contact Rori with any questions or interest.