A 12-month post-doctoral position (possible extension based upon funding and performance) is available starting May 1, 2013 to work on a NSF-funded research project in the laboratory of Aaron Ellison at the Harvard Forest. The post-doc will work with the PIs to develop mathematical and computer models of responses of biological networks – including proteomes, transcriptomes, and food webs – to environmental change. Model systems include the transcriptome of heat-shock proteins in ants, the proteome of pitcher-plant inhabiting bacteria, and invertebrate food webs of North American pitcher plants. The post-doc will be based at Harvard Forest. Responsibilities include: synthesis and modeling of emerging ‘omics datasets and existing datasets of pitcher-plant food webs.

Qualifications: Ph.D. in mathematical or community ecology either in hand or anticipated by May 1, 2014. Applicants should possess demonstrated expertise with writing and coding mathematical/statistical models as well as superb writing and organizational skills. Preference will be given to applicants with demonstrated facility in modeling and analysis of dynamical systems using the R software language.

To apply: Send cv, one relevant example publication or manuscript, and names of

3 references, all as PDF attachments to Aaron Ellison: [aellison@fas.harvard.edu](mailto:aellison@fas.harvard.edu). not later than March 1, 2014.

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