Post-doctoral positions, monocot phylogeny and evolution

A post-doctoral position in monocot molecular phylogenetics and comparative biology is now available in the Department of Botany at the University of Wisconsin-Madison. Annual salary is $36,000 based on a 22-month term. This position provides exciting opportunities for research on broad-scale patterns of monocot phylogeny, biogeography, diversity, and ecology. The successful candidates will work closely with T. J. Givnish in Madison, as part of a $2.9M project funded by NSF and involving six campuses in the United States and colleagues in Canada, Europe, Japan, and Australia. Research will include sequencing of plastid and nuclear genes for taxa representing all families and subfamilies of monocots, as well as extensive phylogenetic analyses, calibration of molecular trees against fossil dates, and overlays of morphological, ecological, and distributional data. Opportunities will be provided for close collaboration with other post-docs and PIs involved in the project, including studies of transcriptomes, whole-plastid genomes, a wide array of morphological and anatomical characters, and fossil monocots. Applicants should have extensive hands-on experience with DNA sequencing and phylogenetic reconstruction, broad evolutionary interests, and excellent skills in written and oral expression.

Applicants should contact Professor Givnish at givnish@wisc.edu. Please provide a letter summarizing your research interests and experience, why this opportunity is exciting for you, and the names of two professional references. Applications are due June 1.