Two postdoctoral positions: plant disease ecology

University of North Carolina - Chapel Hill
Research the roles of fungal and aphid-transmitted viral pathogens of grasses and other herbaceous plants in:

- plant invasions,
- plant community structure,
- plant ecophysiology,
- effects of global change on grasslands.

Interest in seasonal field work in Pacific Coast grasslands or in the Great Plains preferred. Three years of funding. Salary $36,000 - $45,000 plus health care.

Cornell University
Research feedbacks between host community structure and the spread of generalist pathogens:

- Effects of host species richness and composition on pathogen spread (the dilution effect)
- Effects of generalist pathogens on host community structure (e.g. apparent competition)
- Comparison of aphid- and directly transmitted viruses

Field work is in Ithaca NY. Three years of funding. Salary $37,000 - $43,000 plus health insurance.

Desired qualifications:

- Knowledge of basic principles of disease ecology.
- Experience conducting field experiments in herbaceous communities.
- Modeling ability a plus, but not substitutable for field experience.

To apply: Please email CV, brief cover letter including possible start dates, any (p)reprints, and contact information for three references to Dr. Charles Mitchell (mitchell@bio.unc.edu) for the UNC position, and to Dr. Alison G. “Sunny” Power (agp4@cornell.edu) for the Cornell position. If you are applying for both, please indicate that in your cover letters. Applicants will be evaluated on a rolling basis starting 18 April 2006.

For more information: [http://www.bio.unc.edu/faculty/mitchell/lab/](http://www.bio.unc.edu/faculty/mitchell/lab/) and [http://www.eeb.cornell.edu/power/power.html](http://www.eeb.cornell.edu/power/power.html).