

OPEN POSITIONS

Post-doctoral Associates: Institute of Global Change Biology (University of Michigan)

We seek three highly motivated and collaborative postdocs to work on terrestrial global change biology research at the Institute of Global Change Biology (IGCB) at the University of Michigan. The postdocs will be supervised by Peter Reich (Director of the IGCB). The postdoctoral scholars will work on questions involving the function and diversity of terrestrial ecosystems under global change, with considerable flexibility about the specific focus of the research, which will be determined jointly by each postdoc, the supervisor and other potential collaborators.

Possible topics include response of forests, savannas and/or grasslands to global change factors, including rising CO₂, climate warming, precipitation change, and/or altered disturbance regimes (land use, wildfire, pests). The scale of the work could be at the individual, ecosystem, regional or global scale depending on the interests and expertise of the candidate, and potential topics include plant metabolism, biodiversity and compositional change, plant-soil interactions, ecosystem physiology, biogeochemical cycling, ecosystem services, or a combination thereof. There is opportunity to make use of long-term experimental datasets from global change experiments; to synthesize data from networks of such experiments; to use existing observational data on physiology, biogeochemistry or diversity at regional to global scales; to use simulation models as experimental tools, or to deploy any other approach deemed promising for a question of interest. The postdocs will also be encouraged to work collaboratively as a team and to develop connections and networks at Michigan and beyond. The postdocs may also participate in ongoing or new research, especially as that helps extend, gap-fill or complement existing data. The ideal candidates will have a Ph.D. in ecology, plant ecophysiology, ecosystem ecology, biogeochemistry or a closely related field, a strong work ethic, demonstrated writing and quantitative capabilities, a record of leadership, and a proven ability to work independently.

The positions are intended for 3 years, and are annually renewable depending on performance. The successful candidates will participate in a program that includes career mentoring, professional development, and academic networking opportunities. Applications must include: (1) detailed CV/resume; (2) brief statement describing interest in the position (1 page); (3) undergraduate and graduate transcripts; (4) brief statement describing interest in, experience with, and commitment to diversity, equity, and inclusiveness (1 page); (5) names and contact information for three references. Combine all parts of the application into a single document before forwarding. The position includes a competitive salary and health insurance. Review of applications will begin March 15, 2021 and will continue until the positions are filled. A near-term start date is desired but not required.

Applications or questions can be directed to Dr. Peter Reich (preich@umich.edu).