

UM Ameriflux National Core Site Research Specialist

The [University of Michigan Biological Station](#) (UMBS) is hiring a [Research Specialist](#) (Research Area Specialist Intermediate or Senior level) to support data collection and on-site management for the UMBS Ameriflux National Core Flux Site.

Responsibilities

The research specialist will be responsible for the ongoing operations of the long-term instrumentation and other short-term observations as part of the Flux Core Site and the long-term FASET experiment <https://flux.org.ohio-state.edu/umbs/> and support research collaboration with other groups and researchers working in the footprint of the UMBS flux towers. Independently manage instrumentation and calibration of sensors used to study forest ecosystem function, and greenhouse gas exchange from the forest at the UMBS, data processing and data curation. These data collection and research activities are conducted as part of the Ameriflux National Core Flux-Site Cluster <https://ameriflux.lbl.gov/sites/siteinfo/US-UMB>. This work will include assisting with data synthesis, curation, and publication. As part of the UMBS community, the research specialist will play a role in science communication for the UMBS Flux programs by leading tours and giving presentations to classes, visiting researchers, community organizations, etc.

In addition to the responsibilities mentioned, the specialist may play a leadership role in building collaborations and facilitating science across UMBS. This work will include helping to recruit new scientists, and contributing to data synthesis, curation, and publication to further the science mission at UMBS via actively participating in community events.

Required Qualifications

Master's degree in ecology, meteorology, earth science, environmental science or a related field of science and 4 to 5 years related experience AND/OR a PhD in one of those fields. Senior level specialist appointment will require a PhD in related field and substantial field research experience. Ability to climb meteorological towers is required.

Desired Qualifications

Experience with field experiments, instrumentation, and data analysis. Knowledge of basic-level coding in R, Matlab, or Python in preferred. Supervisory and financial management experience preferred. Familiarity with eddy covariance flux measurements is desired but not required.

Additional Information:

Tower training and certification is required as part of this position and will be funded and arranged by UMBS. Housing may be available at the UM Biological Station Pellston campus.

Travel is required for training and certification for competent tower climbing conducted during the first few months of the appointment. Target start date is April 1, 2023.

How to Apply: Full position description, salary information, and application instructions are available at https://careers.umich.edu/job_detail/223958/research-area-specialist-intermediatesenior