

**From:** Thomas Daniels  
**Subject:** Job Ad: Research Technician, field station - Louis Calder Center, Fordham University

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## **ADMINISTRATIVE POSITION ANNOUNCEMENT #A04350**

**TITLE:** Research Technician (Armonk)

**DEPARTMENT:** Calder Center

Assist the Director and lab personnel in studies of arthropod vectors and disease ecology (1/2 time).

Assist other research groups at

Calder (1/2 time) by training students and faculty in the use and operation of Center equipment as needed. Insure that research

equipment is maintained in good working order. Facilitate improvement in Calder's web presence by assisting in web site

maintenance and managing long-term data sets (e.g., weather, water quality).

### **DUTIES AND RESPONSIBILITIES:**

- Assist Director in Vector Ecology/Medical Entomology studies: conduct field work collecting ticks and mosquitoes

including monitoring of long-term field sites, rear and identify ticks and mosquitoes in the lab,

maintain permanent

collection of specimens, assist lab members with various field and lab studies as needed; assist in the publication of research findings.

- Assist Research Group Principle Investigators (PI): perform both routine and complex laboratory procedures using

instrumentation at the Center. Maintain accurate and timely records of test results; operate, calibrate, and perform routine

maintenance on laboratory instruments; maintain supply inventory and relay equipment and supply needs to supervisor;

collect data; and prepare solutions, reagents, and media as needed. Field Studies: operate, calibrate, and perform routine

maintenance on field equipment; assist with preparation and collection of field samples; and establish and monitor field study sites.

- Long-Term Ecological Monitoring (LTEM): operate, calibrate, and perform routine maintenance on the Water Quality

Monitoring Station and the Weather Stations. Manage LTEM data collection. Provide LTEM data upon request.

- Web Site/Media Assistance: aid the Asst. Director in maintaining and updating the station web site; provide photos of

Calder Center activities/resources that can be posted on the internet

- Data Availability: post various biological data from Calder studies on the Center's website; update regularly.

### **QUALIFICATIONS:**

- A Bachelor's degree in Biology or a related field is required; Master's degree preferred.

- Minimum one year research lab experience; Expected to exhibit initiative, work independently, be technically proficient in use of equipment, accurate in data collection, and detail oriented.

- Knowledge of local plant and animal communities a plus. In addition, excellent writing and communication skills are

necessary; expected to clearly relay technical information to faculty, students, and laypersons, summarize data.

- Lab safety training a plus.

- Valid driver's license mandatory.

**Working Conditions:**

There will be times when work will be outdoors and weather conditions will vary.

**Physical requirements:**

Some heavy lifting and hiking involved.

Start date: ASAP

Salary: Commensurate with experience

**Send letter and resume to:** Thomas J. Daniels, Director

[thdaniels@fordham.edu](mailto:thdaniels@fordham.edu)

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