

## **Paid Internship in Land Management, Archbold Biological Station, Venus, Florida**

**Beginning June 4 2021 – October 30 2021.**

**Applications due May 5, 2021.**

**Ideal for Students with Undergraduate Degrees Contemplating Land Management Careers**

An Internship is available at Archbold Biological Station in south-central Florida in the Land Management Program, led by Kevin Main, and will be an integral part of a team maintaining and restoring seepage slope and wetland ecosystems. The Land Management intern will participate in land management activities on the Reserve section of Archbold Biological station that includes: prescribed fire preparation and implementation, mapping and control of invasive species, creating and editing maps in ArcGIS, and maintaining equipment. This position will be tasked with treating Category I and Category II invasive species using backpack sprayers, hand-held sprayers, and hand pulling. For more information on the list of Category I and II species for Florida, please visit <https://www.fleppc.org/list/list.htm>

### **A LITTLE ABOUT ARCHBOLD BIOLOGICAL STATION**

Archbold Biological Station has >8,800 acres of conservation land on the southern Lake Wales Ridge, Florida. We have a staff of about 50 with many visiting scientists, an active seminar program, and a relaxed biological station atmosphere. We are seeking a broadly trained ecologist with excellent field, organizational, and communication skills to contribute to our restoration and land management efforts in exotics control on 1500 acres of agriculturally modified wetlands enrolled in USDA Wetlands Reserve Program easements (WRP) and Grassland Reserve Program (GRP). The Reserve is located in the Fisheating Creek sub-watershed of the Northern Everglades watershed, an area of focus for both local and statewide conservation efforts. Currently, efforts are being made to study and protect the unique species and habitats found on the Reserve, as well as restore hydrology and ecological function of wetlands and other disturbed communities in this agricultural landscape. For more information on Archbold Biological Station Land Management Program and the Reserve research and restoration efforts, visit <http://www.archbold-station.org/html/land/lmovr.html> and <http://www.archbold-reserve.org>

### **ESSENTIAL FUNCTIONS**

Interns receive a weekly stipend of \$12.25/hour for 20 hours a week and lodging at the Station (shared housing, no pets). The intern will work 20 hours per week assisting with invasive species control on the Reserve WRP and GRP easements. The remainder of the week can be devoted to an independent project in one of the following areas:

- Experimenting with treatment on species outside the WRP areas
- Establish monitoring plots or survey unmapped areas for invasive species

-Conduct a native seed germination project  
The intern project will cumulate in a written report and an oral presentation

## **RESPONSIBILITIES**

- Work under minimal and/or distant supervision; may make some independent decisions based on analysis, experience and context.
- Work in variable weather conditions, at remote locations, on difficult terrain and under physically demanding circumstances.
- Supervises no staff, but may help plan and direct volunteers.
- Long hours in hot and humid conditions with mosquitos and possibly ticks
- Requires considerable physical exertion and/or muscular strain.
- Operate and maintain spray equipment, UTVs/ATVs
- Safely mix and apply herbicides to control invasive plant species.
- Use handheld GPS units to map invasive species.
- Use ArcGIS products to create maps and clean and organize invasive species mapping and treatment data.
- Assist on prescribed fire preparation and implementation.

## **MINIMUM QUALIFICATIONS**

- BA/BS/AS/Technical or vocational degree in science-related field or related experience in custodial and ecological land management or similar field
- Experience with natural systems.
- Experience in plant identification
- Must have a valid driver's license.
- Communicating clearly via written, spoken and graphical means in English.

## **DESIRED QUALIFICATIONS**

- Experience operating and or repairing various types of equipment and machinery.
- Experience working with ArcGIS creating and editing maps
- Ability to complete tasks independently with respect to timeline(s).
- Working knowledge of common software applications (e.g.; Word, Excel, ArcGIS).

To apply for an internship in the Land Management Program, please provide the following: a cover letter stating research interests or career goals, a resume or CV of relevant experience, and 2-3 references.

EMAIL APPLICATIONS ONLY! Send to Mandy West at [mwest@archbold-station.org](mailto:mwest@archbold-station.org).  
Confirmation of receipt will be provided.

*Archbold is an equal opportunity employer and encourages applications  
from members of underrepresented groups*