Botanical & Data Management Internship Opportunity

We are seeking a student intern interested in developing skills related to botanical research, data management, GIS, and science communication. Students will be provided hands-on training.

Skills training provided:

- Familiarity with **herbarium** records, global **plant databases,** and naming conventions
- **Data management**, including training in **SQL**
- Introduction to **R** and/or **Python** for data organization and visualization
- Story-telling through map-making using **ArcGIS Dashboards** and **ArcGIS Story Maps**

Work will be performed in the GIS Center (GL 275) on MMC campus under the guidance of Dr. Brittany Harris. No prior experience is required. Applicants interested in botanical research that are highly motivated and enjoy independent work are preferred.

This is a temporary part-time position with a maximum 20 hours/week. Interested applicants, please apply to Job Posting #532265 and send CV/Resume to bharris@fiu.edu with subject line: **botany intern**.

Project Background:

This research project is a collaboration between the US Forest Service International Programs, Dept of Defense North Comm, USFS Southern Research Station, the Jones Center at Ichauway, FIU Institute of Environment, and FIU GIS Center to understand the effects of interacting disturbances on pine forest resiliency in Abaco, Bahamas. Hurricane Dorian in 2019 (>175mph sustained winds) caused widespread destruction of the pine forest canopy in Abaco. Massive fuel loading from downed trees is likely to increase fire severity and timing in this fire-dependent ecosystem, thus affecting the species-rich plant and animal understory communities. The natural gradient of storm damage across the island provides an ideal opportunity to understand the effects of interacting disturbances on landscape patterns of plant and animal communities.