



## McKinney Climate Fellows and Resilience Cohort Programs City of Terre Haute

### 2022 Urban Green Infrastructure Intern – Job Description

#### Who We Are

**MISSION STATEMENT.** The Terre Haute Urban Forestry Directorate within the Engineering Department strives to preserve, protect, and enhance Terre Haute’s urban forest to effectively improve the quality of life of its residents by providing access to all of the benefits and services that trees offer.

**VISION.** To have a healthy urban forest that helps to minimize climate change impacts and continues providing its economic, social, and health benefits to Terre Haute’s residents and the world.

#### Position Summary

The City of Terre Haute seeks a highly motivated student to assist with the development of urban green infrastructure policies in the summer of 2022, including an equity-focused tree planting plan. Completing a tree planting plan will prepare the City of Terre Haute with an equitable strategy for sequestering carbon and reducing pollution, mitigating urban heat islands, and reducing stormwater impacts.

The intern will work with Ana Maria Erazo Galeano, Director of Urban Forestry at the Engineering Office which is a participant in the Indiana University Environmental Resilience Institute’s Resilience Cohort. The successful candidate will receive on-the-job training from tree canopy consultants on how to analyze and map social vulnerabilities onto the results of a tree canopy assessment, informing the development of an equity-focused tree planting plan. The intern will also develop technical and project management skills beneficial to a career in local government, climate science, policy, Community Forestry (working with the public and neighborhoods), working with non-profit organizations, environmental management and related fields.

**About the City’s Local Government:** The City of Terre Haute is governed by a full-time mayor who is the chief administrative official of the city, and a nine-member city council. Vigo County is governed by three county commissioners and a seven-member county council whose responsibilities lie primarily in the area of fiscal affairs.

#### Duties will include:

- Develop equity, stormwater, and/or heat management map layers and corresponding analyses to prioritize areas for tree planting
- Input local tree data into the Indiana Green City Mapper
- Promote and coordinate public and other stakeholder engagement in developing tree planting plan

- Draft a tree planting plan that prioritizes equity and helps manage change impacts related to extreme heat and precipitation events
- Draft a Community and Urban Forestry grant to apply for competitive funding to conduct a street tree inventory or a complete a tree-planting project
- Draft a tree protection ordinance
- Develop other policy and program recommendations based on inventory analysis
- Assist with related sustainability projects such as green infrastructure, rain water harvest, pollinator garden plantings, urban wildlife conservation, etc depending on time and interest
- Participate in regular Resilience Cohort webinars and conference calls
- Attend the Climate Fellows virtual bootcamp training, hosted by the Environmental Resilience Institute, May 16-20, 2022
- Attend weekly (virtual) “Lunch and Learn” sessions
- Submit weekly reports on Canvas over the course of the fellowship

### **Qualifications**

- Prior quantitative coursework or research experience, preferably in a discipline applied to sustainability such as environmental science, environmental management, engineering, chemistry, environmental economics, or a related field
- Experience with GIS and mapping programs
- Previous coursework in natural resource management, community forestry, and/or silviculture
- Experience summarizing research in reports and presentations
- Ability to follow detailed and technical instructions
- Effective written communication, especially for a public audience
- Exemplary verbal communication, including speaking publicly
- Self-motivated, proactive, and flexible with careful attention to detail
- Ability to prioritize and manage multiple ongoing tasks
- Experience coordinating events

Equity mindset and an understanding of diversity, equity, an inclusion

- in climate work
- Enthusiastic about urban green infrastructure

### **Preferred Skills**

- Experience in evaluating the environmental impact of products, activities, and systems
- Experience creating professional reports

### **Compensation**

Compensation will be in the form of a scholarship through the Environmental Resilience Institute. The Fellow will work full time for 10 weeks, beginning May 23, 2022 and ending July 22, 2022.

### **Feedback and evaluation**

The Fellow will be given regular feedback from staff on progress and performance. Success in the fellowship will be determined by the completion of specified projects in a professional and timely manner. The Fellow should learn how this organization identifies its sustainability



priorities, effective principles of communication, and how to develop and maintain professional relationships.

### **Diversity, Equity, and Inclusion**

The McKinney Climate Fellows Program supports the continual advancement and development of diverse, inclusive, and equitable spaces. Climate change solutions should be equitable in implementation, and projects with equity considerations are encouraged to reduce climate change impacts on marginalized communities in the state.

### **Application Process**

To apply for this position, complete an application on the Environmental Resilience Institute's website. If you have questions about the program or any of the positions available, email Matthew Flaherty at: [flahertm@iu.edu](mailto:flahertm@iu.edu). Applications will be accepted on a rolling basis (first come, first serve) until Monday, February 14, 2022.