

**POSITION X1954**

Tennessee Extension Internship Program: ANR/CED Biosystems Engineering and Soil Science Department  
10-week Summer Internship

**LOCATION**

The student will work in the Biosystems Engineering and Soil Science Department at the University of Tennessee. Prior to starting the internship, interns will participate in a day-long orientation to familiarize them with Tennessee Extension Programs in ANR.

**EFFECTIVE DATE**

May 21 – July 30, 2020

**SALARY AND BENEFITS**

A stipend in the amount of \$6,840.00 for the 10-week internship is provided for each intern. As with any position, it is expected that an intern is able to get to and from work each day. Generally, interns ride with Extension agents during significant work-related travel and therefore do not receive a travel budget allotment.

**JOB DESCRIPTION**

Intern will develop a wetland prioritization tool for agricultural producers, conservation professionals, and other partnering agency professionals by utilizing geographic information systems (GIS) tools and available spatial databases and resources. The objective of this project is to assess the potential for success of constructed wetlands in agricultural production landscapes in West Tennessee. Specifically, this project will: (1) evaluate the spatial overlap of pertinent conditions for wetland establishment (i.e. soil characteristics, topography), flood risk, and cropland acreage, (2) identify areas of most potential benefits in flood mitigation, nutrient and sediment attenuation, and migratory bird habitat, (3) explore potential cost-sharing, easement, and other economic opportunities and incentives from a variety of sources, and (4) educate producers, advisors, and landowners on environmental and economic benefits of constructed stormwater treatment wetlands and identified priority areas in West Tennessee watersheds. The intern will also be involved in the following activities: supporting state office efforts to disseminate information to support county-based programs, quantifying and evaluating impacts of programs, creating new technology tools for program delivery, and collecting field data to support science-based information and recommendations related to this project.

**REQUIREMENTS**

- Candidate must be enrolled in a college of agriculture, natural resources, environmental science or closely related major.
- Should have completed at least 50 percent of the required course work for the Bachelor's degree with a cumulative GPA of 2.7 (on a 4.0 scale) or higher and has not yet started a graduate program.
- Preference will be given to students presently enrolled in the University of Tennessee, Tennessee State University, any other university or college in Tennessee, or to a student resident of Tennessee enrolled elsewhere. Preference will also be given to those with Extension experience (i.e. former 4-H member, etc.). However, all eligible applicants will be considered.
- Preference will be given to applicants with GIS experience as evidenced by completed course work or job/intern experience.
- Must reside in, or live within a reasonable commuting distance of the assigned location. Housing not provided.
- Must have own transportation to and from work.
- Must present a written and oral report of the project accomplishments and training experience at the end of the internship.

For best consideration, applications for the internship should be submitted by **December 15, 2019**. *Applications received after this date will be reviewed if all slots have not been filled.*

Applicants may be interviewed. Successful applicants will be notified by January 31, 2020.

Apply on-line at: [https://ut.taleo.net/careersection/ut\\_knoxville/jobsearch.ftl?lang=en](https://ut.taleo.net/careersection/ut_knoxville/jobsearch.ftl?lang=en)

**APPLICATION REQUIREMENTS:**

- [Complete Online Application](#)
- Attach Resume to Online Application
- Attach Transcript to Online Application
- [Attach Completed Addendum to Online Application \(https://extension.tennessee.edu/employment/Pages/Internships.aspx\)](https://extension.tennessee.edu/employment/Pages/Internships.aspx)

Inquiries may be made to:

Lori Duncan - [laduncan@utk.edu](mailto:laduncan@utk.edu) or

Andrea Ludwig - [aludwig@utk.edu](mailto:aludwig@utk.edu)

All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status. Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University. Inquiries and charges of violation of Title VI (race, color, national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 McRose Avenue, Knoxville, TN 37996-3560, telephone 865-974-2498 (V/TTY available) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.