

Position Title: Research Analyst

Job Summary: The Martin-Gatton College of Agriculture, Food and Environment, Department of Forestry and Natural Resources seeks a full-time Forest Research Analyst. The Research Analyst will support the research programs of faculty members in the areas of silviculture, forest management, forest ecology, and related disciplines. The primary duties of the incumbent will be to collect field data, perform data analysis, and write technical and research documents.

Qualifications: Candidate will have a minimum of a B.S. degree in forestry, ecology, environmental sciences, or related field. M.S. degree and experience in applied forestry, ecology, or natural resources research is preferred.

Preferred competencies and skills include: 1) understanding of natural resources sampling tools/techniques and use of geospatial hardware including global positioning systems (GPS). 2) proficiency with Microsoft Office applications, ArcGIS, and the R language and environment for statistical computing (or other statistical software). Detailed understanding of applied statistical procedures and/or ability to learn new methods. 3) established writing skills as evidenced by published works or through direct experience with preparation of technical or research documents.

Responsibilities: The incumbent will collect field data for research projects relating to silviculture, forest management, forest ecology, and related disciplines. Duties include (but not limited to) use of basic forest inventory equipment; plant identification; establishing, maintaining and monitoring long-term research plots; soil sampling; mapping forest stands; vegetation biomass sampling; seedling planting; managing microclimate sampling equipment; maintaining greenhouse experiments and conditions; and use of hardware associated with geospatial technologies. Duties will also include data entry and quality assurance, database management for new and legacy datasets, and statistical and geospatial analysis of research data. The position duties may also involve writing data analysis summaries, applied research manuscripts, and components of grant proposals.

The Department of Forestry and Natural Resources: The Department of Forestry and Natural Resources is one of 14 academic departments in the Martin-Gatton College of Agriculture, Food and Environment providing undergraduate and graduate instruction in forestry and natural resources, maintains Kentucky's only Society of American Foresters accredited forestry program and contributes to inter-departmental programs and certificates. Faculty of the Department conduct basic and applied research to support our understanding and use of forest ecosystems and develop education and outreach solutions to address critical forest resource issues. Emphasis areas include ecology and silviculture, forest management and operations, wildlife ecology and conservation biology, economics, landscape and disturbance ecology, hydrology watershed management, and forest health and restoration. The Department has significant resources available to support its mission including the nationally recognized Robison Forest and has significant partnerships and national recognition in forestry extension. For information about the Department and the University of Kentucky, see <https://forestry.ca.uky.edu/> and www.uky.edu. For information about living in Lexington, see www.lexingtonky.gov and www.visitlex.com.

Application Procedure: To apply for job #RE42272, submit a UK Online Application at <https://ukjobs.uky.edu/postings/493671>. If you have any questions, contact HR/Employment, phone (859) 257-9555, press 2. Application deadline is December 3, 2023. Questions can be directed to: Dr. Lance Vickers, Phone: (859) 257-8571, Email: lance.vickers@uky.edu.

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University Community of Inclusion: The University of Kentucky is committed to a diverse and inclusive workforce by ensuring all our students, faculty, and staff work in an environment of openness and acceptance. We strive to foster a community where people of all backgrounds, identities, and perspectives can feel secure and welcome. We also value the well-being of each of our employees and are dedicated to creating a healthy place to work, learn and live. In the interest of maintaining a safe and healthy environment for our students, employees, patients and visitors the University of Kentucky is a Tobacco & Drug Free campus.

As an Equal Opportunity Employer, we strongly encourage veterans, individuals with disabilities, women, and all minorities to consider our employment opportunities.

Any candidate offered a position may be required to pass pre-employment screenings as mandated by University of Kentucky Human Resources. These screenings may include a national background check and/or drug screen.

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