Research Assistant in Forest Biotechnology

Posting Details

Vacancy Type | EHRA Non-Faculty
---|---
Is Internal Transfer Only | No
Working Title | Research Assistant in Forest Biotechnology
Salary Range | Anticipated Hiring Range: $32,000 to $38,000
Position Number | 00107354
Work Schedule | Standard hours are Monday - Friday, 8:00 am – 5:00 pm, with hours outside of the standard hours as required
Full Time Equivalent (FTE) | 1.00
Department | 150417 - Forest Biotech Program
Department | Forest Biotech Program
Job City & State | Raleigh, NC

Primary Function of Organizational Unit

The College of Natural Resources (CNR) at North Carolina State University is a world leader in the sustainable use of natural resources. The college's comprehensive approach to teaching, research and service encompass the many and varied ways in which people's physical, economic and social needs are met through the wise use of natural resources.

The Department of Forestry and Environmental Resources has a faculty with a wide variety of strengths in forestry and natural resources management, policy, and economics, environmental technology, fisheries and wildlife, tree improvement, silviculture, forest biotechnology, international forestry, biodiversity, conservation and restoration ecology, and geographic information systems. The Department offers undergraduate, masters and doctoral degrees, and has a strong commitment to developing partnerships with communities. Faculty, staff, and students work together with business, industry, government, community groups, and non-government organizations to address a wide range of challenges facing our state and the world. These partnerships facilitate research and discovery, teaching and learning, and outreach and service. Additional information about the department can be found at http://cnr.ncsu.edu/fer

The purpose of the Forest Biotechnology Group is to engage in research that promotes innovation in basic science and applies new discoveries and technology to advance practical problems of forest trees. This purpose is implemented through research, scientist training, and technology transfer. Interactions with other research groups, at NC State University and worldwide, contribute to meeting these goals. The research is carried out with support from federal competitive grants and from industries.

Essential Job Duties

The Department of Forestry and Environmental Resources at North Carolina State University invites applicants for a full-time Research Assistant position in the Forest Biotech Group (FBG). The successful candidate is expected to work on one or more of the following research areas:

- Conifer somatic embryogenesis and tissue culture.
- Genome-editing/novel genetic engineering.
- Molecular and genetic regulation of tree growth, development, and stress response.
- Engineering of trees for improved phenotypic traits.

Other Work/Responsibilities

- Laboratory and greenhouse maintenance and cleanup
- Materials ordering
- Organize and participate in laboratory progress meetings

Minimum Education/Experience

Bachelor's degree and three (3) or more years of research experience in plant tissue culture.

Departmental Required Skills

n/a

Preferred Experience, Skills, Training/Education

- Experience in plant tissue culture and transformation, tree maintenance in greenhouse, data/sample collection and analysis
- Supervise undergraduate and graduate research.
- Facilitates preparation of proposals and publications.

Required License or Certification

n/a

Special Instructions

Please attach a copy of your cover letter, resume, and contact information for three professional references.

Job Open Date | 12/20/2018
Anticipated Closing Date | 01/11/2019
Is this position partially or fully funded on ARRA | No
Supplemental Question

Required fields are indicated with an asterisk (*).

1. * How did you learn of this opportunity?
   - NCSU Website
   - NCSU Executive Search Services
   - Monster.com
   - CareerBuilder.com
   - InsideHigherEd.com
   - Other Online Job Board
   - Carolina Job Finder / Employment Guide
   - Job / Career Fair
   - The Chronicle of Higher Education
   - Professional Journal
   - Print Advertisement (Newspaper / Periodical)
   - Professional Organization
   - Direct Contact from NCSU HR Representative / Recruiter
   - NCSU Employee Referral
   - Social Media (LinkedIn, Twitter, Facebook, Other)
   - Other

2. * If you selected "Other" for the previous question, please provide the source you learned about this opportunity from.

   (Open Ended Question)

Application Materials Required

Required Documents

1. Cover Letter
2. Resume
3. Contact Information for References

Optional Documents

AA/EEO In addition, NC State welcomes all persons without regard to sexual orientation. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148. Final candidates are subject to criminal & sex offender background checks. Some vacancies also require credit or motor vehicle checks. If highest degree is from an institution outside of the U.S., final candidates are required to have their degree verified at www.wes.org. Degree must be obtained prior to start date.