



Prepare for Life

Department of Natural Sciences

Title of the position

Lab Manager and Training Coordinator

Department

Natural Science, Bowie State University

Reports to

Principal Investigator – Dr. George Ude

Overall responsibility

Manage the daily operations of the Biotech Research and Teaching Lab; manage and supervise the use and proper operation of lab equipment; conduct analytical work related to research engaged in by PI; set up and supervise student lab work; assist Program PI to plan, advertise, recruit participants, and conduct the NSF funded biotechnology summer program; other duties to be assigned by PI deemed necessary and appropriate for the overall success of the biotech research and teaching program. The successful applicant will liaise with external collaborators, including the USDA, NIH, UM College Park, Towson University, and LI-COR Biosciences personnel, as needed.

The successful applicant must have experience and/or knowledge in the following areas:

- Operation and care of basic equipment used in a molecular biology lab (including techniques associated with recombinant DNA/genetic engineering research).
- DNA fingerprinting techniques (RFLP, AFLP, RAPD, SSR, SNP, Microarrays etc.)
- Cloning techniques
- Cell transformation procedures
- Plant tissue culture and gene sequencing are desirable skills
- Laboratory management

Qualifications

- A Masters degree or a Ph.D in Genetics, molecular biology, or Plant Breeding and Genetics with strong biotechnology/molecular biology research skills.
- The successful candidate must also have outstanding laboratory management experience.
- Experience as supervisor of students in lab research and management of federally funded programs is advantageous.

This position is available for up to 4 years pending satisfactory annual performance review. Send all application letters and resume by email to Dr. George N. Ude (gude@bowiestate.edu), Natural Science Department, Bowie State University, 14000 Jericho Park Rd., Bowie, MD. 20715. For all other enquiries, please call Dr. George Ude on (301) 860-3347

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