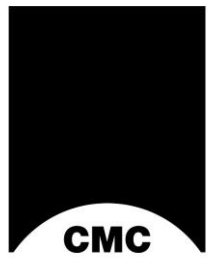


Intern Position Description



Department: Zoology

Intern Title: Zoology DNA Lab Intern

Purpose: Assist Zoology Curatorial staff with ongoing research projects in the new Union Terminal DNA lab.

Background: The re-opened Union Terminal includes a fully functional genetic research lab that can be viewed through glass walls from the public exhibit spaces. This space is dedicated to animal research (no human genetic work will be conducted). The goals of the lab are to 1) continue the museum's contribution to scientific research, and 2) educate the public about the research being done at the museum and basic genetic methods/applications. This position will require both lab work inside and public interaction outside the lab.

Location: Cincinnati Museum Center at Union Terminal, 1301 Western Ave., Cincinnati, OH

Key Responsibilities:

- Help prepare and process tissue samples for genetic analysis, including
 - DNA extraction
 - Polymerase Chain Reaction (PCR)
 - Gel Electrophoresis
 - DNA sequencing and/or microsatellite marker analysis
 - Data analysis
- Guest Interaction
 - Interact with museum guests outside the lab
 - Discuss current research projects and interpret research activities happening in the lab
 - Aid staff in development of programs/activities for implementation outside the lab
- Other work to be assigned in assistance of Zoology Curator

Requirements:

- Current College/University student
- Successful completion of a genetics course with lab, or other genetics lab experience
- Excellent attention to detail
- Good organizational abilities
- Interest in zoology, biology, or related field
- Familiar with spreadsheet databasing (Excel)

Reports To: Heather Farrington, Zoology Curator and Emily Imhoff, Zoology Collections Manager

Length of Appointment: 10 weeks

Time Commitment: minimum 20 hrs/week (hours are available 10-4 Monday-Saturday)

Benefits:

- Free admission to all permanent CMC exhibits and access to the National Underground Railroad Freedom Center
- Free parking at Cincinnati Museum Center locations

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- Discounts at food locations
- Invitations to select exhibit previews, special events and lectures
- Professional development, training opportunities and work experience

Dress Code: Long pants and closed-toe shoes (typical for a lab setting) must be worn during the majority of the tasks to be performed during this internship. Because interns will be in view of the public, attire should be neat, but casual.

Age Requirement, if any:

Eligible candidates considering an internship are defined as individuals who meet one or more of the following criteria:

- currently enrolled as an undergraduate student
- have graduated within the past year
- are currently enrolled in graduate school