Friday, April 27\textsuperscript{th} immediately following the 39\textsuperscript{th} Annual Biology Merit Exam
Drop in between 11:00am - 2:30pm (times vary – check schedules). Detailed map attached.

The Department of Biological Sciences invites you to take a short walk over to Long and Jordan Hall immediately following the exam to enjoy special displays, hands on activities, and tours available only to Biology Merit Exam participants and ONLY on Friday, April 27 as part of the BIO\textsuperscript{Science} Expo!

Each activity can host about 30-40 students at a time, please divide your group accordingly and rotate.

**Wild About Wildlife**  The Jordan Room – 11:00-2:00pm

*The Jordan Room is a free standing glass and brick room located outside on the connected walkway between the 1\textsuperscript{st} floor of Long Hall and the 2\textsuperscript{nd} floor of Jordan Hall.*

Patricia Whitener, Clemson University Cooperative Extension - Greenville County 4-H Agent
Mallory Dailey, Clemson University Cooperative Extension - Oconee County 4-H Agent

*Clemson Natural Resource professionals will provide an interactive display of native endothermic and ectothermic species found in the southeast. This hands-on experience is sure to stimulate lots of ecology conversation and create some great photo opportunities!*

**DNA Fingerprinting/Crime Scene**  G26/G30 Jordan Hall - 11:00-1:30pm (labs will run every 30 minutes; first come first served. Two separate laboratories will be running the activity and each lab can hold up to 32 students at a time) *The Life Sciences Outreach Center laboratories are on the basement level of Jordan Hall – look for the purple walls!*

Dr. Vicki Corbin and [CU Life Sciences Outreach Center](#) staff and students
- Use micropipets to manipulate tiny amounts of crime scene sample
- Learn how DNA fingerprints are used in forensic and other applications

**Test Yourself**  327 Long Hall - 1:00-2:30

Dr. Bob Kosinski and Biology 1110 undergraduate students

*Clemson undergraduates will help you test your reaction time and record your ECG and blood pressure using our computerized physiological monitors. This is lots of fun – be sure to drop in for a visit!*

**Campbell Museum of Natural History - Vertebrate and Plant Collections**  11:00-2:00 - Campbell Museum of Natural History Exhibit Hall (*the small, free-standing, brick building behind Long and Jordan Halls*).

Hosted by Dixie Damrel, Herbarium Curator, and Melissa Fuentes, Vertebrate Collections Curator

**Vertebrate Collection** - View life size mounts of bison, exotic African antelope, big cats, and more. The large exhibit room houses over 90 shoulder mounts of exotic and native species, and hallway displays contain over 20 articulated bird skeletons, mounted birds and other mammals.

Melissa will host an activity center where students can experience both native and exotic wildlife with full mounts as well as hides of mammals, reptiles, and birds available to touch. Other displays will provide information on how to preserve specimens, how mounts are created, and what it takes to be a museum curator. Be sure to find the “Bone-ified ID” area where students correctly identifying different bones can pick up a prize while supplies last.

**Plant Collection** - Dixie will have examples of Giant Moso Bamboo, Phyllostachys pubescens, uncommon carnivorous plants, herbarium specimens, and strange cones and fruits on display in the small classroom (room 104) as well as some 3-D games to play. Ask Dixie about her Fulbright Scholar grant to work and conduct botanical research in tropical Southeast Asia!
Entomology Museum – Arthropod Collection  312 Long Hall - 11:00-2:00*
outside 312 Long Hall (3rd floor, Martin/Kinard Hall side of building)

Drop in to view the exhibits – hosted by Dr. Mike Ferro (find Dr. Ferro in the museum or his office, 307 Long, for a behind the scenes tour!).

The Clemson University Arthropod Collection contains more than 1 million insect specimens mostly from South Carolina, including endangered and possibly extinct species. Numerous fun exhibits are on display and visitors are welcome to take a behind the scenes tour of the museum. We're also happy to answer any and all "bug" related questions.

* there are several permanent exhibits and displays out in the hall and available at all times during normal business hours.

Orange line marks the short walking path from Tillman to the BIOScience Expo activities in Long Hall, Jordan Hall, and Campbell Museum of Natural History. Look for the white, BIOScience Expo yard signs to help you find the way.

See next page for a blown up/detailed map of the area inside the red circle marking all activity locations!
Museum of Natural History
- 11:00-2:00 pm
Vertebrate/Plant Collections/3D games/Bone ID with prizes!

312 Long Hall
Entomology Museum
11:00-2:00 pm

327 Long Hall
Test Yourself
1:00-2:30

G26/G30 Jordan Hall
DNA Fingerprinting/Crime Scene
11:00 – 1:30pm

Jordan Room
- a free standing room located on the connected walkway between the 1st floor of Long and the 2nd floor of Jordan.
- Take the exterior stairs up 1 flight.
- Wild About Wildlife
- 11:00 – 2:00 pm