



## AUBURN UNIVERSITY

COLLEGE OF SCIENCES  
AND MATHEMATICS

### COSAM Outreach Geocaching Challenge #2: Donald E. Davis Arboretum



Welcome to the Auburn University COSAM Outreach treasure hunt! In this geocaching challenge, you will be finding caches hidden in several locations within the beautiful botanical gardens located at the heart of Auburn University's campus. Using GPS coordinates and navigation skills, you will find a series of hidden treasure chests (caches) but you will have to solve problems and answer questions along the way to find the next location. There are 5 caches in this challenge, can you find them all? **The first 4 caches will only consist of an orange card that will have a secret number that you will need to solve the code on the final cache.** The final cache will have a number lock that you will have to decode using the secret numbers collected at the first 4 caches. The final cache will also have unique "coin" for you to keep as a souvenir, please take only one coin per household. Post a picture of you your token and tag us (#COSAMCampusCache)!

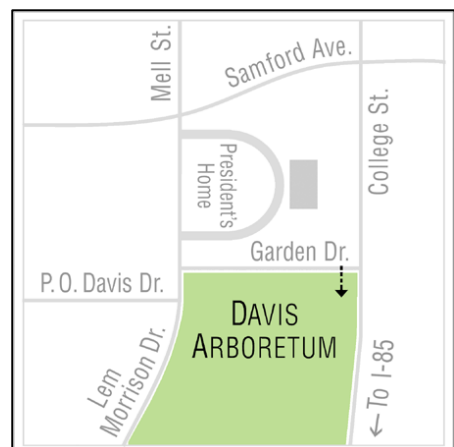
You will need a GPS unit or a mobile phone with GPS capabilities to locate each treasure chest. Please note that there is typically a 15-20 foot radius (WAAS) associated with each coordinate. You should always remain on established paths and respect fencing and other barriers designed to protect the plants. All caches are easily accessible and do not require you to disturb any aspect of the natural environment. Please be aware that there are currently **no public restroom** facilities available at the arboretum.

#### Parking:

Parking is available near the entrances on three sides: Along Lem Morrison and the Poultry Science parking lot, along Garden Drive and in the Arboretum parking lot off Garden Drive. During the week you must have an Auburn University parking hangtag or a visitor permit from the AU Parking Service to use these spaces. Weekends and holidays parking passes are not required.

The address of the Arboretum is:

**181 Garden Drive, Auburn AL 36849**



**COSAM Outreach Geocaching  
Challenge #2: Donald E. Davis Arboretum**

**Clue #1:**

- **GPS Coordinate: N 32.59521; W 85.48287**

Record secret number code \_\_\_\_\_

**Clue #2:**

- **GPS Coordinate: N 32.59514; W 85.48373**

Record secret number code \_\_\_\_\_

**Clue #3:**

- **GPS Coordinate: N 32.59410; W85.48422**

Record secret number code \_\_\_\_\_

**Clue #4:**

- **GPS Coordinate: N 32.59520; W 85.48215**

Record secret number code \_\_\_\_\_

**Finale:**

- **GPS Coordinate: N 32.59622; W 85.48304**

Use the 4 secret numbers collected from the previous caches and arrange them in the correct sequence to unlock the box. There are 24 **permutations** (possible number sequence variations).  
HINT: The correct solution is a special year in the arboretum's history. Unscramble the letters below to figure out the event if you need an extra hint.

**ADEDITECD**

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Congratulations on completing the challenge, we hope you had fun! Please don't forget to post or comment on our Facebook, Instagram or Twitter page **#COSAMOutreach**  
If you have any questions or suggestions, please contact Dr. Veronica Morin  
([v1m0015@auburn.edu](mailto:v1m0015@auburn.edu)).