**SPRING 2023 SEMESTER REPORT**

Archaeological Mapping Lab

The University of Arizona

Haury, Room 408A

**General Update and Lab Team**

At the beginning of 2023, the Archaeological Mapping Lab continued to work on tasks related to the Mt. Lykaion Excavation & Survey Project, the Parrhasian Heritage Park, and the Corinth Computer Project. We also welcomed a new member, Noah Simmons, who has been a welcome addition to our team. A lot of our work during Spring 2023 was centered around making our projects more publicly accessible through new websites, and, thanks to the hard work of our lab members, we were successfully able to launch the updated version of two project websites: <https://www.lykaionexcavation.org/> and <https://www.corinthcomputerproject.org/>. With the support of our University of Houston colleague Juan Fernandez Diaz, several of our lab members were also involved in re-instigating LiDAR work for Mt. Lykaion and the surrounding area, and several meetings were held throughout the semester to determine the parameters of the project. Additionally, the lab hosted several events this semester. On February 23, the lab welcomed Dr. Albert J. Ammerman, who discussed “New Discoveries at Paestum: In the Lagoon.” On March 19, we held a Friends of Mt. Lykaion Reception and Presentation at Opa’s Grill on 4th Avenue as a thank you to donors and colleagues who have supported the Mt. Lykaion project. At the end of the semester, the lab organized an End-of-Semester lunch for our lab members, several of which have now successfully graduated from their programs. The Archaeological Mapping Lab wishes them the best in their future endeavors!

Dr. David Gilman Romano, the director of the lab, and Laryssa Shipley, the lab manager, would again like to thank our lab team below for their invaluable contributions they made to the Archaeological Mapping Lab and its many projects:

* **Nicholas Jones**, University of Arizona

School of Anthropology (Archaeology of the Mediterranean World) | Ph.D. student

* **Kya Kerner**, Architectural Designer (remote)

FIFTEEN Architecture + Design | Aarhus University Alumna

* **Katrina Kuxhausen-DeRose**, University of Arizona

Department of Religious Studies and Classics | M.A. student

* **Savhanna Long**, University of Arizona

Classics | M.A. student

* **Colin Omilanowski**, University of Arizona

School of Anthropology (Archaeology of the Mediterranean World) | Ph.D. student

* **Jordyn Pursell**, University of Arizona

Classics | M.A. student

* **Andrea Riehle**, Architectural Designer (remote)

Richärd Kennedy Architects | University of Arizona Alumna

*(list continues on next page)*

* **Tabitha Rodriguez**, University of Arizona

College of Architecture, Planning & Landscape Architecture | B.Arch student

* **Laryssa Shipley**, University of Arizona

School of Anthropology (Archaeology of the Mediterranean World) | Ph.D. student

* **Noah Simmons**, University of Arizona

Classics | M.A. student

* **Lauren Tomanelli**, University of Arizona

School of Anthropology (Archaeology of the Mediterranean World) | Ph.D. student

**Mt. Lykaion Excavation and Survey Project**

Weekly lab meetings continued to be organized by Laryssa to discuss general updates regarding the lab team and various projects. Although originally organized as meetings for Dr. Romano, Laryssa, and Lauren, the registrar for the Mt. Lykaion team, this meeting grew to include Colin, who led the CCP website team this semester, and others in the lab. We welcome anyone in the lab to join, and those who are able to attend often provide insight and excellent recommendations regarding the lab’s projects.

These meetings also helped to organize and prep the lab team for the Mt. Lykaion summer study season. As part of this preparation, Lauren taught Noah how to navigate Kronos, the lab’s database, and asked him to help her with updating conservation entries at the beginning of the semester. As registrar, Lauren routinely works with Kronos to ensure data for CATA (ceramic cataloguing) entries and MTLs (special finds) is entered correctly and up-to-date for the summer. With her knowledge of what is currently in our apotheke (storage facility) in Tripolis, Lauren was also able to tell us what supplies we would need over the summer (archival materials, bags for finds, tags) and helped Dr. Romano place orders for these items. At the end of the semester, an important task that Lauren performs is transferring data from the lab’s R: drive to several portable hard drives, which allow us to have complete access to Mt. Lykaion files while in the field.

In addition to these materials, lab equipment and technology are also transported to Greece. In order to make sure all went smoothly over the summer, Laryssa performed equipment checks on the laptops we would be using and ensured that our licensing information was up-to-date. This also involves checking to make sure that programs like AutoCAD, ArcGIS, and Google Earth Pro are correctly installed. As lab manager, Laryssa is charged with technology troubleshooting and regularly communicates with our school’s tech team (SBSTech) to ensure everything is in working worder. Other devices like iPads were checked as well, and she made certain that we would have proper storage space on these devices and on the Mt. Lykaion Google Drive. As the semester came to an end, Laryssa facilitated equipment pick-up and transport to ensure that the Mt. Lykaion team had everything it needed while in Greece.

The architecture team also worked on various tasks in preparation for the study season. Kya started updating the information we had on the altar platform in the Upper Sanctuary. Andrea assisted Dr. Romano with publication images and the Mt. Lykaion brochure, a task with which Lauren was also involved. Tabitha updated the actual state drawing of the Ionic Building, continued to digitize ASBs (Architecturally Significant Blocks), and worked on the master AutoCAD drawing for the Lower Sanctuary. Dr. Romano also thought it would be a good idea to update profile drawings related to the altar (so that scholars in the apotheke could reference them). While the architects worked on their drawings, Colin and Laryssa updated these altar profile drawings using AutoCAD as the semester came to an end.

Mt. Lykaion Excavation and Survey Project website also underwent a series of updates. With a heavy focus on our project websites this spring semester, the lab was divided into several teams: one for the Mt. Lykaion website, another for the Corinth Computer Project, and finally a team for the Parrhasian Heritage Park website. Laryssa was the team leader for the Mt. Lykaion website and worked with Savhanna to update, add, and correct information on this website. Savhanna wrote new entries on the Mt. Lykaion web page that provided additional information on each building and feature that dotted the Mt. Lykaion landscape. As trench supervisors during summer 2022, Laryssa and Colin wrote entries for their respective trenches (the Administrative Building for Laryssa and the Pan Sanctuary for Colin). Information on these trenches and others were shared by members of our lab team during the Friends of Mt. Lykaion Reception and Presentation mentioned above, which proved to be an excellent opportunity to discuss the project’s achievements and future goals.

Finally, the lab plans to work with LiDAR data in the future to further investigate Mt. Lykaion and the surrounding areas with the help of our colleague Juan Fernandez Diaz from the University of Houston. Dr. Romano, Laryssa, Lauren, Colin, and Noah were involved in several meetings throughout the semester to discuss the features we would be looking for and how we would analyze the data with the use of point clouds, digital elevation models, Google Earth layers, and GIS points.

**Corinth Computer Project (CCP)**

Many individuals were involved with the Corinth Computer Project this semester as well. Spring 2023 began with Colin and Nicholas finalizing the CCP drawing number list they had worked on in the fall. This file lists all of the buildings from Corinth that have been digitized and each is assigned a number. After this mass undertaking was completed, Dr. Romano and Laryssa met with them to tie up any loose ends. Jordyn also began work on an AutoCAD drawing of the Panayia Field in Corinth.

Like the Mt. Lykaion website, the CCP website also underwent a series of updates and interface improvements. These changes were made by the CCP website team, which was composed of Colin (team leader), Nicholas, and Noah. Thanks to their hard work, many entries on the site were created and updated, and various issues were rectified. They were able to add various photos to the website and were able to completely finish all of their work in time for launch.

One change we would like to implement on the CCP website is to update the Roman plan of Corinth and the roads to the east of the theater complex. Dr. Romano, Laryssa, and Colin will be involved in this project next semester.

**Parrhasian Heritage Park (PHP)**

The team that worked on the PHP website consisted of Lauren (team leader), Katrina, and Jordyn. Due to the number of sites within the park itself, a significant amount of research and entry writing was required for this particular team. Katrina, who has been involved with the International Traditional Knowledge Institute (ITKI) showcase, researched points of interest and provided her team with a sample entry to which they could refer. The PHP team also recognized and corrected several issues with the website that came to our attention. Thanks to their hard work and quality assessment, the lab expects to officially launch the PHP website relatively soon.

One of the major improvements to the site will be a revised PHP map that shows the various character areas, landscape features, and gateway cities that define the park. Kya has consistently worked with Dr. Romano, Laryssa, and Lauren on this task with help from our colleague Mark Davison, and she was able to create a website-friendly version of the map that others could utilize as a resource. Laryssa consistently communicated with Upswell, the digital design company we work with, to troubleshoot any issues we were experiencing with the map. The final version of the map that we received in December (as discussed in the last lab report) is undergoing several additional edits.

Finally, Lauren continues to oversee the PHP social media accounts as well as the Archaeological Mapping Lab accounts, a list of which can be found below:

* AML Facebook: <https://www.facebook.com/archaeologicalmapping>
* AML Instagram: <https://www.instagram.com/archaeologicalmapping/>
* PHP Facebook: <https://www.facebook.com/Parrhasian-Heritage-Park-106665385081640>
* PHP Instagram: <https://www.instagram.com/parrhasianheritagepark/>

**Digital Augustan Rome (DAR)**

The Archaeological Mapping Lab has also continued work on *Digital Augustan Rome* website, which allows viewers to see and experience the urban layout of Rome during the time of Augustus. Savhanna continued to research and create AutoCAD drawings for various Augustan buildings, and she worked on an updated entry for the Largo Argentina based on the notable work of Filippo Coarelli. Colin will be updating an entry for the Forum of Augustus in a similar manner, and we plan to have other individuals involved as well after the remaining websites are launched.

*Digital Augustan Rome* updates for each building involve providing additional bibliographic sources on a topic, creating an AutoCAD drawing for the building or feature that is being studied, embedding translations of ancient sources in the text of an entry, and incorporating photos and illustrations for each entry. It is our goal to provide these updates for all entries for *Digital Augustan Rome* as part of a long-term project.

**Website Management & Outreach**

As part of her role as lab manager, Laryssa helps train new students on the use of programs like AutoCAD as part of the onboarding process. This also involves teaching others, like our new lab member Noah, how to navigate Wagtail, a Content Management System (CMS). Wagtail is what allows lab members to create and update content on all of the lab’s websites, a list of which can be found below:

* Ancient Olympic Games: <https://www.ancientolympicgames.org/>
* Archaeological Mapping Lab: <https://www.archaeologicalmappinglab.org/>
* Corinth Computer Project: <http://corinthcomputerproject.org/>
* Digital Augustan Rome: <https://www.digitalaugustanrome.org/>
* Dr. Romano’s personal academic site: <https://www.davidgilmanromano.org/>
* Mt. Lykaion Excavation & Survey Project: <http://lykaionexcavation.org/>
* Parrhasian Heritage Foundation: <https://www.parrhasianheritagefoundation.org/>
* Parrhasian Heritage Park (launch TBD): <http://parrhasianheritagepark.org/>

In order for these websites to be easily navigable for others, Dr. Romano, Laryssa, and Lauren often communicate with the digital design company Upswell so that (1) any major issues with the websites are resolved, and (2) improvements to the website can be implemented. A significant part of website-related tasks involves performing quality assessments of all of our websites. This involves looking into new research and findings for various ancient sites throughout Greece and Rome (in the case of *DAR*) so that the academic information we are providing for others is up-to-date and accurate.

*Written by: Laryssa Shipley*