**SPRING 2022 SEMESTER REPORT**

Archaeological Mapping Lab

The University of Arizona

Haury, Room 408A

**General Update and Lab Team**

As in-person and hybrid lab work continued into Spring 2022, the Archaeological Mapping Lab welcomed several new lab members, including Katrina, Savhanna, Jordyn, and Tabitha (listed below). All have proven to be excellent additions to the lab team, approaching each task with the utmost thoroughness, efficiency, and creativity needed for the lab to excel in projects like the Mt. Lykaion Excavation and Survey Project, the Corinth Computer Project, and the Parrhasian Heritage Park. The AML also had the opportunity to (1) host a lecture and discussion on the Capitoline Hill by Dr. Albert J. Ammerman, (2) make significant progress toward a new Kronos database site, and (3) prepare for Mt. Lykaion’s first excavation season since before COVID-19.

Dr. David Gilman Romano, the director of the lab, and Laryssa Shipley, the lab manager, are grateful to the Spring 2022 team below for their hard work and continued support of the lab’s projects and goals.

* **Nicholas Jones**, University of Arizona

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

* **Kya Kerner**, Aarhus University (remote)

Sustainable Heritage Management | M.A. student

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

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

* **Savhanna Long**, University of Arizona

Classics | M.A. student

* **Luke Munson**, University of Texas at Austin (remote)

Classics | Ph.D. student

* **Colin Omilanowski**, University of Arizona

Spring 2022: Classics | M.A. student

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

* **Jordyn Pursell**, University of Arizona

Classics | M.A. student

* **Andrea Riehle**, University of Arizona (recently graduated)

College of Architecture, Planning & Landscape Architecture | Undergraduate student

* **Tabitha Rodriguez**, University of Arizona

College of Architecture, Planning & Landscape Architecture | Undergraduate student

* **Laryssa Shipley**, University of Arizona

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

* **Lauren Tomanelli**, University of Arizona

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

**Mt. Lykaion Excavation and Survey Project**

Every week,Laryssa organized a meeting with Dr. Romano and Mt. Lykaion’s registrar, Lauren, to discuss assigned lab tasks, action items, and updates regarding the lab’s progress on projects like the Mt. Lykaion Excavation and Survey Project. This work intensified when Summer 2022 drew near, as Laryssa and Lauren gathered and organized the lab equipment that the team would bring to Greece. Laryssa set up the necessary technology the team would take to Greece (including several new laptops that Dr. Romano obtained) and worked on the installation of ArcGIS and AutoCAD programs, communicating regularly with the UA College of Social & Behavioral Sciences technology specialists, SBSTech. She also re-organized and updated folders on the server and the lab’s Google Drive to be utilized over the summer. Laryssa would continue to oversee the technology used for the project over the summer as part of her role as lab manager.

As registrar, Lauren updated the Kronos database and transferred a significant amount of data from the lab’s server to several hard drives. This process also involved quality assessment checks by Lauren of the lab’s new Kronos database site, which was close to being launched. She also utilized and further familiarized herself with ArcGIS, which proves incredibly useful whenever the lab uses this program for mapping work. Lauren also communicated regularly with Teresa Moreno, who has worked with the team as a site conservator for Mt. Lykaion in past seasons, regarding coin-related inquiries. Both Laryssa and Lauren worked with Dr. Romano to update the “Best Fieldwork Practices” document, which details the methods the Mt. Lykaion team uses to perform all work in the field and in the lab. Discussions of safety protocols for the summer took place as well, with a particular emphasis on testing for COVID-19 upon arrival in Greece, before and after travel during the excavation season’s long weekend, and prior to departure from the Athens airport.

On March 27, Dr. David Romano and Dr. Mary Voyatzis hosted a Virtual Friends of Mt. Lykaion event, in which a summary of the Mt. Lykaion team’s progress and plans for future summers were discussed. Andrea helped to create the brochure for this event and contributed necessary images for a future publication by Dr. Romano. It was also during this semester that Tabitha joined Kya and Andrea as one of the architects on our team in preparation for the Summer 2022 season. As the semester progressed, communications took place between the lab and the Ephoreia of Antiquities of Arcadia, Tripolis, the University of Houston’s National Center for Airborne Laser Mapping (NCALM), and the Numismatic Museum of Athens.

**Corinth Computer Project (CCP)**

Laryssa oversaw training for the CCP, which took place throughout the semester for the lab’s newest members: Katrina, Savhanna, and Jordyn. This work involved learning how to digitize plans of archaeological sites and incorporate information like bibliographic sources, function, material, and the date of different architectural elements into separate layers. To accomplish this, students must first familiarize themselves with the inner workings of AutoCAD by watching a specific set of tutorials. Then, they put their skills to the test by digitizing a plan of a Roman Bath in Corinth, where they must input data into AutoCAD layers and create an accurate vector drawing of a raster image. Once their AutoCAD drawing is completed and approved, they then familiarize themselves with the layer conventions used for CCP work and begin reviewing and creating drawings of archaeological structures in Corinth.

As the lab’s newest members were being trained, Colin and Nicholas continued updating the Corinth Computer Project bibliography, which lists the many publications that we use to create AutoCAD drawings for the project. Part of this work involved accessing older archival files, which Laryssa investigated with the assistance of SBS Tech. Colin also looked into updating the layer coding of earlier Corinth AutoCAD drawings to ensure consistency. This was done as part of a larger project to provide context to and organize AutoCAD Corinth drawings that may be missing context. Colin would update us every week regarding his progress. Nicholas continued work on creating a new drawing to add to the CCP collection, which involved the difficult task of integrating elements of an older AutoCAD drawing into a new drawing based on an even more recent publication on the Northeast of Theater area in Corinth. Colin also proposed updates to another drawing based on the Anaploga Villa in Corinth. Additionally, earlier in the semester, Luke continued discussions with Dr. Romano regarding the Corinth Long Walls. Finally, Dr. Romano presented a virtual talk at the Seminar Dipylon at the École française d'Athènes titled “Corinth to Rome: Digital Mapping from Field and Lab,” in which he discussed the Archaeological Mapping Lab’s work (including the Corinth Computer Project and Digital Augustan Rome).

**Parrhasian Heritage Park (PHP)**

In preparation for the Parrhasian Heritage Park Field School, which takes place after the 6-week field season on Mt. Lykaion, several updates were made by Kya to the Parrhasian Heritage Park map with the help of Mark Davison. These updated maps were sent to the Upswell digital design team to incorporate into the lab’s new PHP website.

Additionally, Katrina, who has worked with the International Traditional Knowledge Institute (ITKI) on projects focused on traditional knowledge and its ecological and socio-economic contributions, also performed PHP-related tasks. In particular, Katrina contributed to the creation of itineraries, interviews, and photos, and she researched native crops and produce grown within the boundaries of the park.

Lauren also contributed time to PHP work, and helped to locate, update, and upload the trail maps for the park on the PHP website. She organized park-related files on the lab’s server so that PHP documents would be more easily accessible. Lauren also continued to monitor and post on the lab’s social media sites (which she created during Fall 2021), so that others could see updates regarding the park, excavations, and more. Information on these social media accounts 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**

Dr. Romano, Laryssa, and Lauren discussed future directions with the Digital Augustan Rome project, and decided to begin enhancing entries with accessible translations, traveler’s drawings, photos, and AutoCAD drawings.

Several updates were made to the Digital Augustan Rome website by Upswell, which Laryssa tested to ensure usability. At the end of the semester, Savhanna began the process of reviewing older entries and updating them with information and drawings from more recent articles. Her first task involved updating the Ara Pacis entry.

**Website Management & Outreach**

The lab has consistently worked with the tech company Upswell on updating and launching our websites. Dr. Romano, Laryssa, and Lauren met with them via Zoom and discussed various action times for the websites regularly through email. While Upswell worked on the back-end of the websites, the Laryssa and Lauren were able to make changes using a platform called Wagtail, which allows the lab to create new pages, upload images, and edit existing information for all websites (listed below):

* Ancient Olympic Games: <https://www.ancientolympicgames.org/>
* Archaeological Mapping Lab: <https://www.archaeologicalmappinglab.org/>
* Corinth Computer Project (launch TBD): <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 (launch TBD): <http://lykaionexcavation.org/>
* Parrhasian Heritage Foundation: <https://www.parrhasianheritagefoundation.org/>
* Parrhasian Heritage Park (launch TBD): <http://parrhasianheritagepark.org/>

Colin and Savhanna also contributed to website work. Colin in particular worked on SEO (Search Engine Optimization) descriptions for each website, and Savhanna creating image descriptions (alternative text) for those users who may be visually impaired or for when the page fails to upload images properly. Additionally, Andrea provided Upswell with updated Lykaion sanctuary plans so that may be uploaded to the Mt. Lykaion Excavation & Survey project website. Laryssa, who helped to facilitate many of the lab’s communications with Upswell, also located and finalized Greek, Hellenistic, and Roman period plans for Upswell to post to the Corinth Computer Project website. Finally, both Lauren and Laryssa continue to perform quality assessments checks on the various sites, placing particular emphasis on those websites that are on their way to being launched (the CCP, Mt. Lykaion, and PHP sites).

*Written by: Laryssa Shipley*