**SPRING 2021 SEMESTER REPORT**

Archaeological Mapping Lab

The University of Arizona

Haury, Room 408A

**Research Restart and Lab Team**

The Archaeological Mapping Lab began its Spring 2021 semester by continuing remote work to promote the safety of the lab team. After the University of Arizona began offering vaccinations to its students, Dr. David Gilman Romano, the director of the lab, and Laryssa Shipley, the lab manager, started the application process for Research Restart, a program that allows in-person research/lab work to take place on the University of Arizona campus under pandemic conditions. To be eligible for Research Restart, research teams must create a set of COVID-19 protocols to follow when interacting with other people and equipment in shared spaces. These protocols must follow the parameters set by the university and are intended to create a safe space for those who choose to work in person. At the end of the Spring 2021 semester, the lab’s Research Restart application was approved, and hybrid work (incorporating both remote and in-person work) could begin. Those who wished to perform lab work on campus received additional training regarding lab COVID-19 protocols.

Thanks to the flexibility and capability of the Spring 2021 team below, lab work successfully continued despite the shifting conditions of the pandemic.

* **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

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

Classics | Ph.D. student

* **Colin Omilanowski**, University of Arizona

Classics | M.A. student

* **Andrea Riehle**, 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 Sides**, 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

* **Alena Wigodner**, University of Arizona

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

**General Description of Projects**

In addition to completing a Research Restart application, the lab was able to continue work on various projects throughout the spring semester, including the Corinth Computer Project (CCP), the Mt. Lykaion Excavation and Survey Project, and the launching of a new suite of websites with the help of Upswell, a digital design company. These websites are meant to replace older, outdated webpages related to the lab’s projects and Dr. David Romano’s research.

**Corinth Computer Project (CCP)**

The lab’s current work with the Corinth Computer Project (CCP) involves reviewing and sorting more than 200 AutoCAD drawings depicting digitized plans of ancient Corinth. Several members of the lab team made significant contributions to this project. Nicholas double-checked Corinth drawings from January through May and began creating an additional Corinth DWG file based on a plan from a 2018 publication of *Hesperia*. After successfully completing the “Roman Bath” assignment (which indicates proficiency in the use of AutoCAD), Colin was able to contribute significantly to the CCP and checked AutoCAD drawings for the remainder of the semester. Luke Munson continued work on the Corinth Long Wall project, and Lauren T. thoroughly checked Corinth drawings at the beginning of the semester. Laryssa checked and corrected Corinth drawings, sorted CCP duplicates, organized CCP files, and worked on sample Corinth DWG files to present to the Upswell team mentioned above.

**Mt. Lykaion Excavation and Survey Project**

Many tasks were completed for the Mt. Lykaion project as well. Alena worked on Mt. Lykaion sampling for NSF funding with Dr. Mary Voyatzis, and Kya performed landscape character analysis with Mark Davison. Andrea has been working with Dr. Romano on various images for publication, and Lauren T. was introduced to the lab’s database (Kronos). She also entered and interpreted a significant amount of CATA (cataloguing) data into Kronos itself, which involved work with Dr. Voyatzis. Lauren S. is working on a viewshed analysis report for the columns at Mt. Lykaion and a least-cost path analysis on the modern roads at Mt. Lykaion, which involves using LiDAR data. Lauren S. also took a LiDAR course in the spring to help with point cloud data analysis and intended to plan potential drone flights for Mt. Lykaion’s field season. (However, the usual season was cancelled due to the pandemic.) Laryssa updated the Mt. Lykaion 2019 trench plans utilizing AutoCAD, gathered material for Kronos database entry training, and compiled and reviewed materials from the previous field seasons (including shopping list information and current inventories).

**New Websites and Content Management System Training**

Dr. Romano introduced website management tasks this semester as well. This has been a work in progress since before the Spring 2021 semester began, and involves overseeing, correcting, and adding content to the lab’s newest suite of websites. Both Lauren T. and Laryssa received Content Management Training from Upswell at the beginning of May to contribute to this process. Along with Dr. Romano, both students managed and edited the following websites:

* Ancient Olympic Games: <https://www.ancientolympicgames.org/>
* Parrhasian Heritage Foundation: <https://www.parrhasianheritagefoundation.org/>
* Archaeological Mapping Lab: <https://www.archaeologicalmappinglab.org/>

These websites and Dr. Romano’s personal site (<https://www.davidgilmanromano.org/>) were successfully launched on June 14, 2021 after the spring semester ended.

**Research Restart**

One of the lab’s newest tasks involved applying for Research Restart and the ability to return to on-campus work. This task primarily fell to the director of the lab (Dr. Romano) with help from the lab manager (Laryssa). As mentioned above, in order for in-person research to be approved, applicants were required to create a list of safety protocols for those working in the lab. Additionally, an online application needed to be filled out and reviewed. Part of this process involved creating a schematic of the Archaeological Mapping Lab, indicating where individuals could safely sit six feet apart. Laryssa created this schematic utilizing AutoCAD and hosted a lab protocol training for those who could work in the lab in-person at the end of the semester and the beginning of the summer.

**July Update:** labs are no longer required to undergo a Research Restart process at this time. Principal investigators and lab managers are now able to determine the protocols they would like to follow (as long as they conform to University of Arizona policy). This can, of course, change depending on future pandemic conditions.