

CIAMS Grants to Undergraduate Students, 2012

Anthropology major **Katherine Bruce** received a Hirsch Grant to work at the Roman city of Sanisera, on the island of **Menorca, Spain**. Under the auspices of the Sanisera Field School, Bruce spent the summer excavating an early Christian basilica, classifying artifacts in a lab, and attending lectures on archaeological methods and the history of Menorca.



Remains of the Christian basilica at Sanisera

“In my time in Spain, I experienced not only the thrill of finding physical remains of a bygone era and making tangible progress on an ongoing field project, but I reaffirmed my love for archaeology and kindled my desire to continue its study.”

With support from a Hirsch Grant, Archaeology major **Jennifer Cooper** spent a month excavating at the open-air Late Paleolithic site of Peyre Blanque in the **French Pyrénées**, a project under the joint direction of Dr. Kathleen Sterling (SUNY Binghamton) and Margaret Conkey (University of California, Berkeley). Working alongside others, Cooper’s efforts at the dig and in the lab focused on the discovery and study of stone tools (flakes, blades, cores). Excursions to nearby caves afforded a first-hand glimpse of Paleolithic visual imagery.



Jennifer Cooper (in purple) and team members examine the profile drawing of a painted and carved wall to a cave located near Peyre Blanque



Zachary Peterson (in black shorts) excavating at the Mandra sanctuary

The Hirsch Grant awarded to archaeology major **Zachary Peterson** went toward three weeks of excavation on the Cycladic island of **Despotiko, Greece**, a project organized through the College Year in Athens program under the direction of Yannis Kourayos of the Greek Ministry of Culture. Peterson spent his time excavating the Archaic-Classical sanctuary site of Mandra, possibly dedicated to Apollo. The program provided instruction in stratigraphic excavation, data recording, architectural conservation, and ceramic analysis.

Grants to Graduate Students

With the support of a Hirsch Grant, Classics graduate students **Micaela Carignano, Carrie Atkins Fulton, and Katie Jarriel** participated in summer research in southern **Cyprus**. Under the auspices of the Kalavassos and Maroni Built Environments Project (KAMBE), an initiative run by Dr. Sturt Manning (Cornell) and Dr. Kevin Fischer (University of Arkansas), Carignano, Atkins Fulton, and Jarriel worked with a team of researchers conducting geophysical survey and associated test excavations (“ground truthing”) in the landscapes surrounding several previously excavated Late Bronze Age sites. Investigations also included excavation and pedestrian survey of the Bronze Age sites of Kalavassos-Ayios Dhimitrios and Tsaroukkas. In their spare time, the Hirsch recipients helped organize, draw, and photograph artifacts from previous seasons and prepare for their long-term storage in the Larnaca Archaeological Museum.



Katie Jarriel excavating at Kalavassos-Ayios Dhimitrios



“I greatly enjoyed my experience on the KAMBE excavation and my first trip to

Cyprus. It proved to be a beautiful island, which I hope to revisit as I continue my graduate studies.”

Micaela Carignano excavating at Maroni-Tsaroukkas.

“My involvement in the KAMBE project this summer has been invaluable in all aspects...”



Carrie Atkins Fulton excavating at Maroni-Tsaroukkas

Graduate student **Eilis Monahan** of the Department of Near Eastern Studies used her Hirsch Grant to participate on a project in southwestern **Cyprus**, at the Early Bronze Age site of Kissonerga-Skalia. Monahan worked alongside project director Dr. Lindy Crewe of the University of Manchester and other team members as a Ceramics Assistant, which entailed daily sorting and recording of pottery excavated from the site according to ware, form, and chronological period. Monahan was also responsible for drawing ceramics and other special artifacts, and teaching archaeological illustration to undergraduate students.



Eilis Monahan draws pottery from Kissonerga-Skalia

“The training I received from Dr. Crewe will be invaluable for my future research.”

The Hirsch Grant awarded to Geological Sciences graduate student **Brita Lorentzen** supported her travel to **Istanbul, Turkey**, where Lorentzen worked alongside dendroclimatologist Dr. Nesibe Köse of Istanbul University. Lorentzen's dissertation research examines differential year-to-year tree-ring width patterns caused by climate differences between the northern and southern Levant. Working with Dr. Köse afforded her the opportunity to learn new software and access databases that allowed her to interpret how climate indices (specifically precipitation and temperature) during a given year were affecting how wide tree-rings were growing in forests that she had sampled in Israel, Jordan, and Lebanon. She then compared this information with climate data and tree-ring widths from Turkey, Syria, and Cyprus, allowing her to demonstrate clearly the differences in the tree-ring record between the northern and southern Levant.

"Professor Köse's expert knowledge on the ecology of forests in Turkey and the northeastern Mediterranean gave me invaluable new insights that I can use to interpret my data and complete my dissertation."