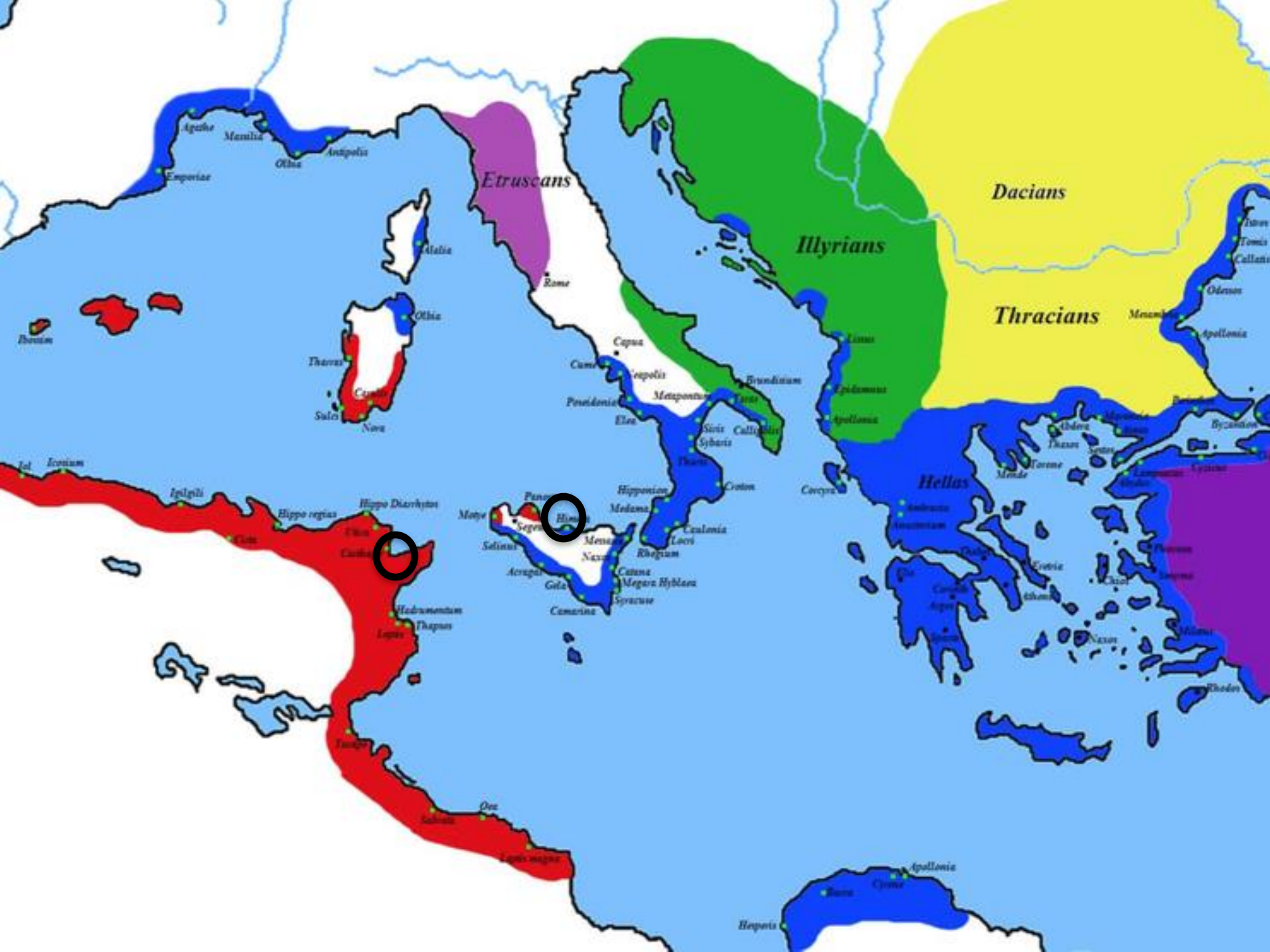




The Bioarchaeology of Mediterranean Colonies Project: What Happens When Cultures Collide?

Britney Kyle, Professor of Anthropology





Bioarchaeology

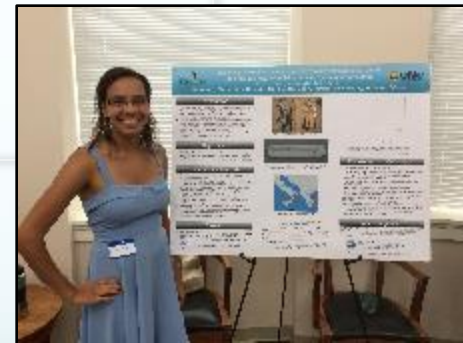
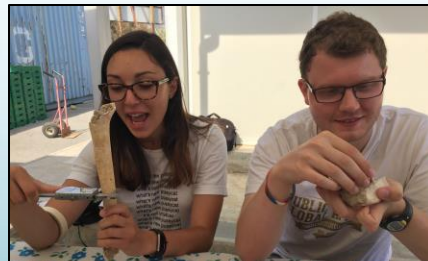
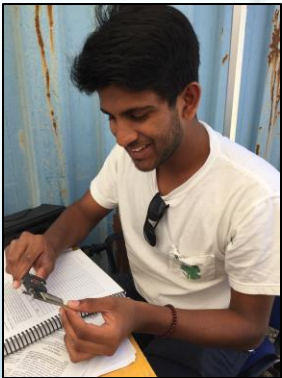


Key Findings

- ☠ Colonization was a catalyst for cultural hybridity
- ☠ Colonization resulted in decreases in skeletal stress at mother cities while negatively impacting health outcomes for people living in colonies
- ☠ Ancient warfare was a contact mechanism for people throughout the ancient Mediterranean and beyond

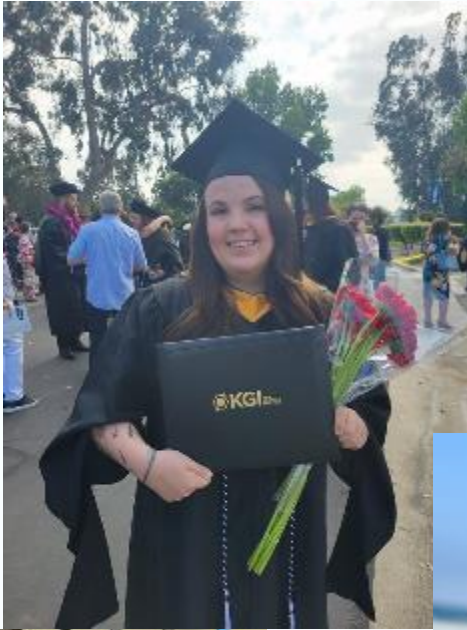


Student Investigators



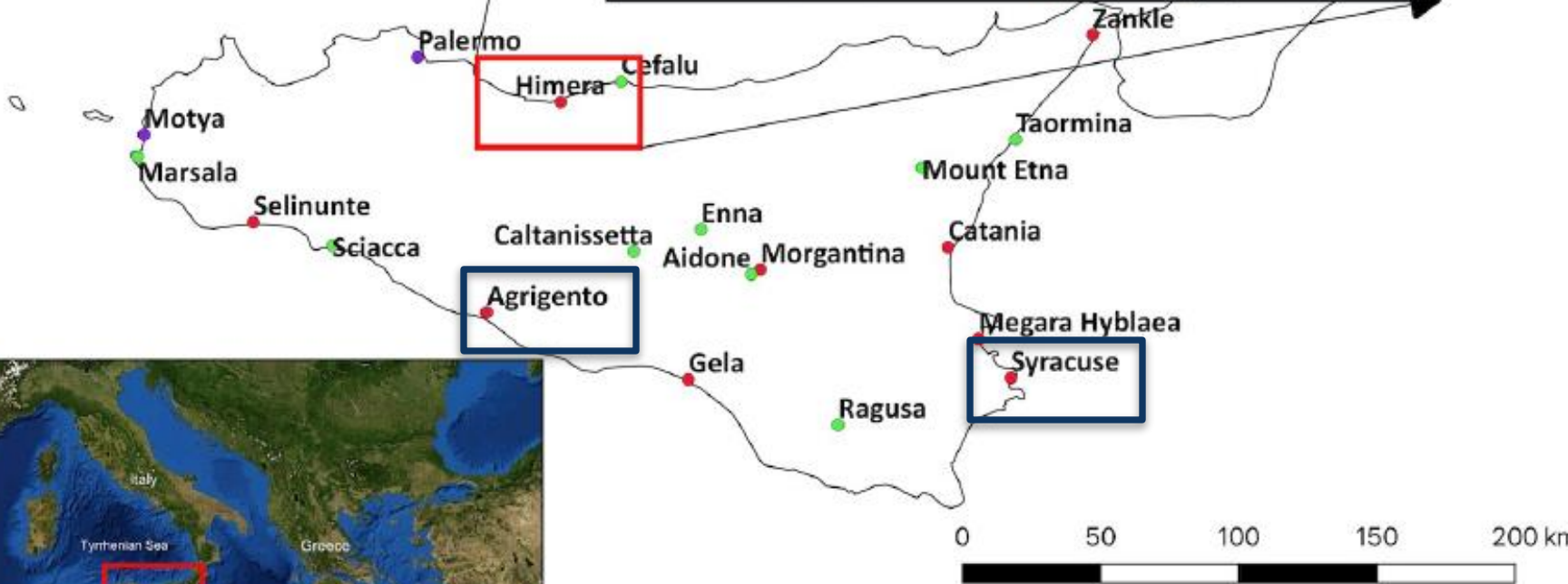
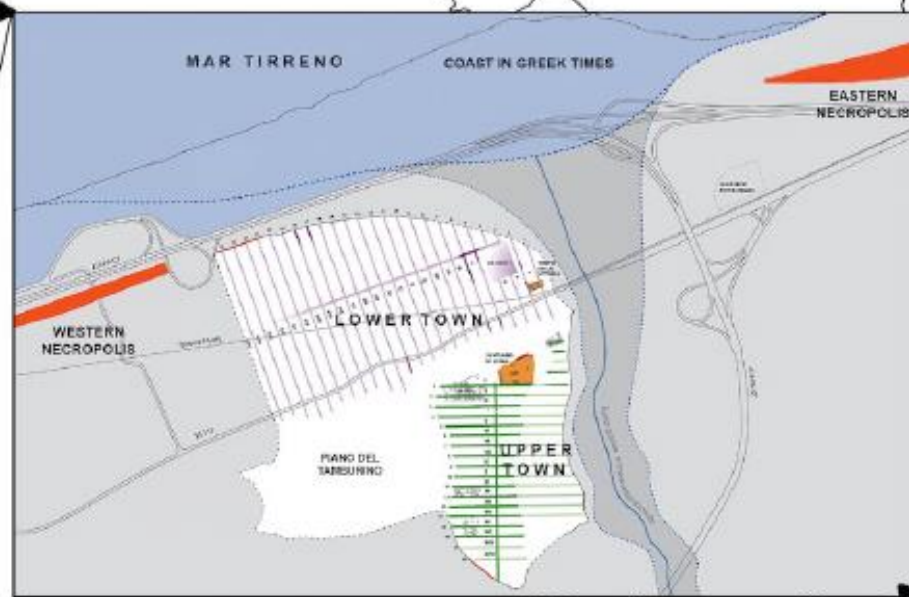
1. Orientation/intro to research
2. Data collection in the field
3. Lab/data analyses at home
4. Presenting findings

Students Develop Skills for Success



Sites

- Greek
- Modern
- Phoenician



The Battles of Himera

489 BCE

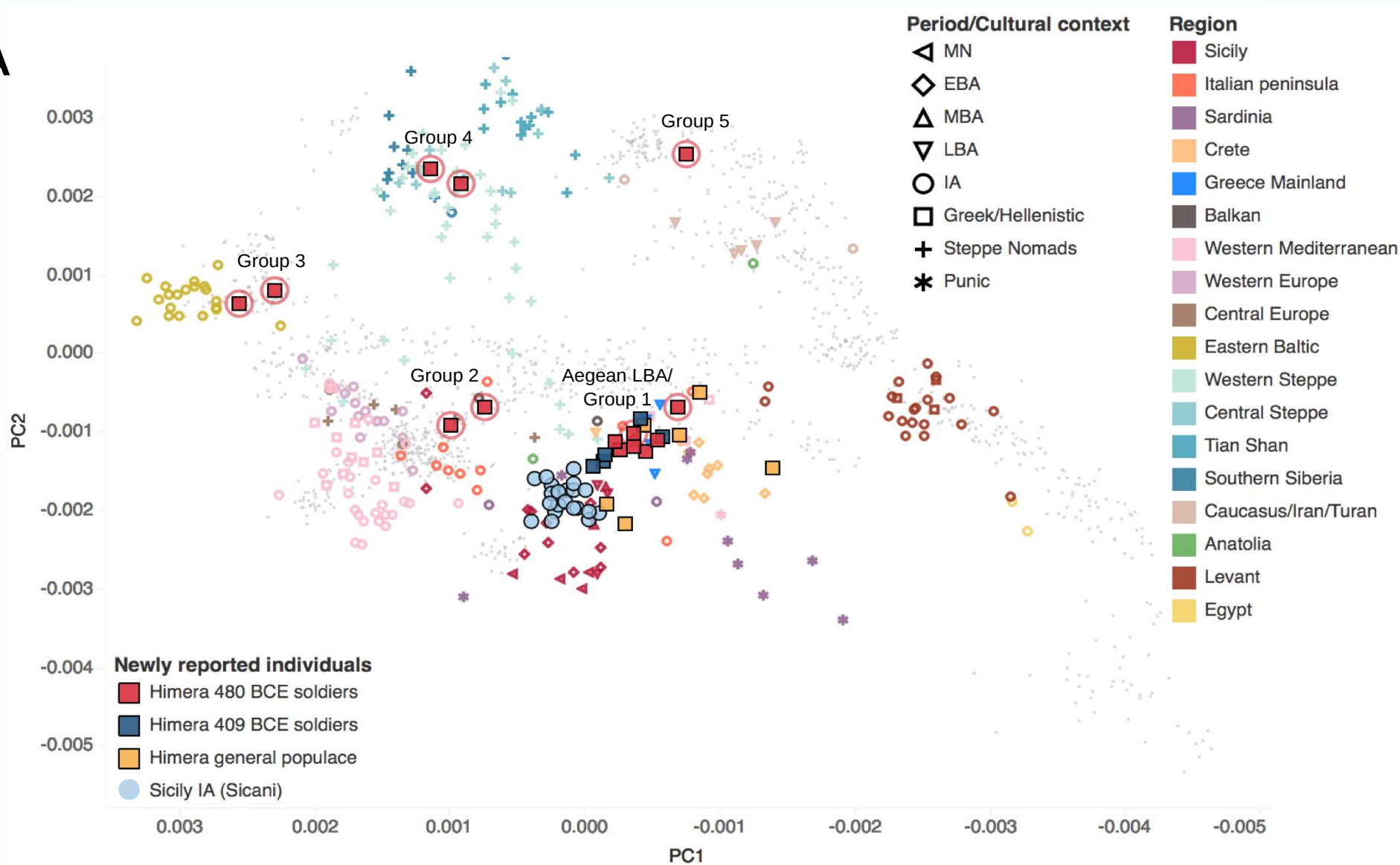


Stable Isotopes: You are what you eat

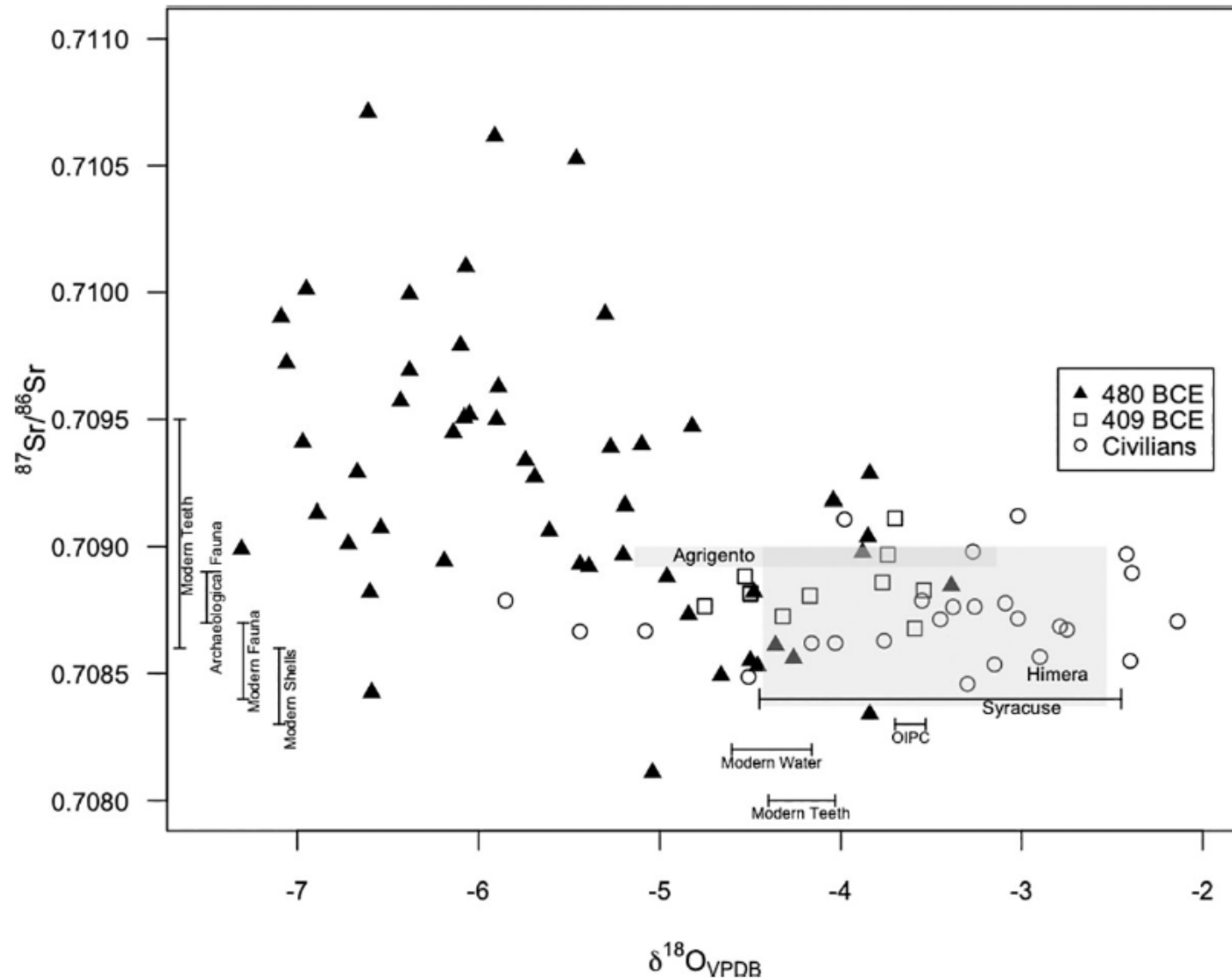


Ancient DNA Results

A



Isotopic Results



Strength of the Greek Alliance?



Acknowledgments



HARVARD



UNIVERSITY OF
**NORTHERN
COLORADO**



universität
wien



**Soprintendenza Palermo
Sezione Beni Archeologici
Stefano Vassallo**



UNIVERSITY OF
GEORGIA



**UNIVERSITÀ
DEL SALENTO**



**REU SITE: IMMERSIVE RESEARCH IN
THE BIOARCHAEOLOGY OF GREEK
COLONIZATION, SICILY, ITALY**



Thank you!

References available upon request:

Dr. Britney Kyle

Britney.kyle@unco.edu