Archaeology Anthropology

- Geoff Braswell
- Paul Goldstein
- Guillermo Algaze
- Tom Levy
Geoffrey Braswell, Professor

Professor at UCSD for 13 years

Courses Typically Offered:

- The Mysterious Maya
- The Aztecs & their Ancestors
- Pyramids, Mummies, & Pharaohs:
  - Introduction to Egyptology
  - Advanced Maya Archaeology: Problems & Perspectives

Study Abroad: Ancient Mexico
Study Abroad: Cities and Art of the Maya
Study Abroad: Egypt of the Pharaohs
Videos

• https://www.youtube.com/watch?v=MA9Skn5zR9c

• https://www.youtube.com/watch?v=coZaf7ZGwjQ&feature=youtu.be

• https://www.youtube.com/watch?v=2W_NSaN6HkY&feature=youtu.be
Paul Goldstein, Professor
The UCSD Archaeological Field School in Peru

2015 season, Archaeological Survey of the Locumba Valley
What is a “field school”?

• ANAR 119S is “Archaeological field and lab methods”
• Students participate daily in an archaeological research project
• “hands-on” learning
Excavations at Omo Temple, 2012
UCSD Survey Team, Locumba Valley, 2015
Los artefactos encontrados por PAL serán identificados por el estilo de cerámica encontrada en el sitio.
UCSD Peru field school
Guillermo Algaze, Professor

Research Interests:

• Social Evolution
• Origins of Social Complexity
• Origins of Agriculture and Sedentism
• Origins of the State
• Anatolian and Mesopotamian Archaeology

Availability to Undergrads:

I am happy to work one-on-one with undergrads interested in facets of my research interests in the context of independent studies (199) or Honors Theses.
Cyber-Archaeology and Virtual Reality
Views from the Holy Land

Thomas Levy
Distinguished Professor
Department of Anthropology & Qualcomm Institute/Calit2
University of California, San Diego
“Inventing a persistent, collaborative research and education environment as a model for the major research university in the 21st Century” – Larry Smarr, Mission Statement, Calit2
Graduate Student Participation:

NSF Integrative Graduate Education and Research Traineeship (IGERT) grant – 2010 – 2016 - $3.2 million - ends June 30, 2016

Training, Research and Education in Engineering for Cultural Heritage Diagnostics (TEECH)

Falko Kuester, PI
Thomas Levy, Co-PI
Maurizio Seracini, Co-PI

New – Center for Cyber-Archaeology and Sustainability
TYPES OF PROJECTS

- Cyberinfrastructure
- Paleomagnetic Dating
- Archaeometallurgy / Cultural Heritage
- Archaeometallurgy
- Cultural Heritage
- Cultural Heritage
ACQUISITION
- Archaeology Research Design
- Digital Data Collection Tools
- Diagnostic Imaging/Geophysics
- Analytical Diagnostics
  - ArchField
  - OpenDig

CURATION
- Data Storage
- Geo-Spatial Mapping
- Augmentation
  - ArchaeoSTOR

DISSEMINATION
- Cyber-Infrastructures
- Open Access
- Citizen Science
- Print Publishing
- CAVES and personal VR devices
- Archaeo-Diplomacy

ANALYSIS
- Modeling & Simulation
- Visual Analytics
- Crowd Sourcing
- 3D Visualization, VR
- Cultural Analytics

@ Levy 2013 American Academy
The old way of digging and recording:
1979 - 1998
UCSD ELRAP in Jordan - A ‘Deep Time’ Study of Technology (metallurgy) & Social Evolution

Co-Directors – Thomas Levy (PI) and Mohammad Najjar
UCSD Deep-time Metallurgy Research in Faynan, Jordan

PPNB Village
Bead Production
7500 – 6500 BC

Early Bronze I
Metalworker’s Village,
Ca. 3600 BC

Islamic
Copper Village,
Ca. 13th c. AD

Iron Age
Copper Factory,
Ca. 1200 – 900 BC

Early Bronze III-IV
Metal Manufactory,
Ca. 2700 – 2000 BC

with Mohammad Najjar
New Explorations in Iron Age Edom – Anthropological & Historical Approaches

Organization of Craft Production (after Costin)

• Context – Degree of Elite Sponsorship
• Concentration – Distribution over landscape
• Scale – size of labor force,
  - principles of labor recruitment
• Intensity – full time/part-time

Trade

Ethnogenesis – Edom and Israel

Social Evolution

Khirbat en-Nahas, Jordan, ca. 10 ha
Helicopter shot courtesy Queen Noor