



## Justin Leidwanger

Associate Professor of Classics and, by courtesy, of Oceans

### Bio

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#### BIO

Justin Leidwanger's work focuses on Mediterranean mobilities, maritime communities, and systems of exchange. Shipwrecks and port sites, especially in southeast Sicily and southwest Turkey, are central to exploring these themes in the field, providing evidence for connections and the long-term dynamics of communities situated amid the economically, socially, and politically changing worlds from the rise of Rome through late antiquity.

Between 2013 and 2019, he led investigations of the 6th-century "church wreck" at Marzamemi (Sicily), which sank while carrying nearly 100 tons of marble architectural elements. Work continues through underwater survey, 3D analysis, and publication as well as immersive heritage initiatives in the local Museum of the Sea and associated pop-up exhibits and dive trails. Project 'U Mari extends this collaborative field research in southeast Sicily, interrogating the heritage of diverse but co-dependent interactions with and across the sea that have long defined the central Mediterranean and offer a resource for deeper engagement with the past and sustainable future development.

Building on survey since 2017, the project's newest work examines socioeconomic dynamics spanning 2500 years of tuna fishing through maritime landscape archaeology and documentation of fading material culture and traditional knowledge of the mattanza. Our efforts simultaneously foreground heritage activism through community-based archaeology of the spaces, materialities, and memories of contemporary journeys of forced and undocumented migration across the central Mediterranean.

Justin teaches courses and advises students on topics in Hellenistic, Roman, and late antique archaeology, economies and interaction, port networks, ceramic production and exchange, and Greco-Roman architecture and engineering. The Maritime Archaeology Lab at the Archaeology Center serves as a fieldwork base and resource for digital modeling (structured light scanning, laser scanning, photogrammetry, GIS, network analysis) and pottery analysis (petrography, pXRF, computational morphological analysis).

Author of *Roman Seas: A Maritime Archaeology of Eastern Mediterranean Economies* (Oxford), and editor or co-editor of four more volumes, including *Regional Economies in Action* (Vienna) and *Maritime Networks in the Ancient Mediterranean World* (Cambridge), his current project is titled *Fluid Technologies: Innovation on the Ancient Mediterranean*. This newest work arises from research with students in the field, lab, and museum, analyzing transport amphoras, port infrastructure, and other clues to ancient technologies of distribution.

#### ACADEMIC APPOINTMENTS

- Associate Professor, Classics
- Associate Professor (By courtesy), Oceans

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Faculty Member, Stanford Archeology Center, Stanford University
- Affiliated Faculty, Institute of Nautical Archaeology
- Consulting Scholar, Mediterranean Section, University of Pennsylvania Museum of Archaeology and Anthropology
- Co-Director, Excavations of the 6th-century AD Marzamemi "church wreck," coast of Sicily, Italy
- Member, Marzamemi Maritime Heritage Project
- Co-Director, Excavations in the Archaic through late Roman harbors of Burgaz, coast of Datca peninsula, Turkey
- Director, Maritime landscape surveys, coast of Cyprus (2003 - 2009)

## PROFESSIONAL EDUCATION

- Ph.D., University of Pennsylvania , Art and Archeology of the Mediterranean World (2011)
- M.A., Texas A&M University , Nautical Archeology, Anthropology
- B.A., Loyola University, Chicago , History & Classical Studies

## Teaching

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### COURSES

#### 2022-23

- Engineering the Roman Empire: ARCHLGY 118, CLASSICS 168 (Spr)
- Sailing the Wine-Dark Sea: Maritime Archaeology of the Ancient Mediterranean: ARCHLGY 145, CLASSICS 154 (Win)
- Sicily and the Sea: ARCHLGY 140, CLASSICS 155 (Spr)

#### 2021-22

- Engineering the Roman Empire: ARCHLGY 118, CLASSICS 168 (Spr)
- Sailing the Wine-Dark Sea: Maritime Archaeology of the Ancient Mediterranean: ARCHLGY 145, CLASSICS 154 (Win)
- Sicily and the Sea: ARCHLGY 140, CLASSICS 155 (Spr)

#### 2020-21

- Engineering the Roman Empire: ARCHLGY 118, CLASSICS 168 (Spr)
- History of Archaeological Thought: ARCHLGY 103, CLASSICS 170 (Spr)
- Mobility and Migration in the Ancient Mediterranean and Beyond: CLASSICS 369 (Win)
- Sailing the Wine-Dark Sea: Maritime Archaeology of the Ancient Mediterranean: ARCHLGY 145, CLASSICS 154 (Win)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Serena Crosson, Stefania Manfio

### Doctoral Dissertation Advisor (AC)

Nicholas Bartos, Beth Minney, Matthew Previto

## Publications

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### PUBLICATIONS

- **Regional Economies in Action. Standardization of Transport Amphorae in the Roman and Byzantine Mediterranean** *Sonderschriften des Österreichischen Archäologischen Instituts*

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edited by Leidwanger, J., González Cesteros, H.  
Austrian Academy of Sciences.2023; 63

- **ROMAN PORT SOCIETIES: THE EVIDENCE OF INSCRIPTIONS (Book Review)** *JOURNAL OF ROMAN STUDIES*  
Book Review Authored by: Leidwanger, J.  
2022
- **Toward Systematic Underwater Survey of Mediterranean Maritime Activity along the Southern Turkish Coast** *JOURNAL OF FIELD ARCHAEOLOGY*  
Ozdas, H., Leidwanger, J., Gross, J., Kizildag, N.  
2022
- **Ephemeral Heritage: Boats, Migration, and the Central Mediterranean Passage** *AMERICAN JOURNAL OF ARCHAEOLOGY*  
Greene, E. S., Leidwanger, J., Repola, L.  
2022; 126 (1): 79-102
- **Wandering Ports on the Datca Peninsula Exploring Regional Mobility in a Maritime Landscape** *HOMO MIGRANS*  
Greene, E. S., Leidwanger, J., Daniels, M. J.  
2022: 269-290
- **UNDERWATER ARCHAEOLOGICAL INVESTIGATIONS AT VENDICARI, SOUTHEAST SICILY: A PRELIMINARY REPORT ON THE 2018 - 2022 WORK** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Bartos, N., Wilker, S. T., Greene, E. S.  
2022; 19: 113-120
- **Welcome from the new editors** *JOURNAL OF ROMAN ARCHAEOLOGY*  
Trimble, J., Ben Russell, Van Oyen, A., Leidwanger, J.  
2021; 34 (1): 1-2
- **The Sixth-Century CE Shipwreck at Marzamemi** *AMERICAN JOURNAL OF ARCHAEOLOGY*  
Leidwanger, J., Greene, E. S., Donnelly, A.  
2021; 125 (2): 283-317
- **A NEW COMPUTATIONAL METHOD TO QUANTIFY MORPHOLOGICAL STANDARDIZATION AND VARIATION WITHIN CERAMIC ASSEMBLAGES** *ARCHEOLOGIA E CALCOLATORI*  
Vo-Phamhi, J., Leidwanger, J.  
2020; 31 (1): 55–76
- **Roman Seas: A Maritime Archaeology of Eastern Mediterranean Economies**  
Leidwanger, J.  
Oxford University Press.2020
- **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2019 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Sgroi, F.  
2020; 17: 103–23
- **Archaeological Investigations in the Harbours of Burgaz, Turkey: 2011-2015 field seasons** *INTERNATIONAL JOURNAL OF NAUTICAL ARCHAEOLOGY*  
Greene, E. S., Leidwanger, J., Tuna, N.  
2019; 48 (1): 103–22
- **Knidian "Anyports": a model of coastal adaptation and socioeconomic connectivity from southwest Turkey** *MEDITERRANEAN HISTORICAL REVIEW*  
Greene, E. S., Leidwanger, J.  
2019; 34 (1): 9–25
- **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2018 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J.  
2019; 16: 13–31
- **Virtual simulation of a late antique shipwreck at Marzamemi, Sicily: Integrated processes for 3D documentation, analysis and representation of underwater archaeological data** *ARCHAEOLOGICAL PROSPECTION*

- Repola, L., di Carlo, N., Signoretti, D., Leidwanger, J.  
2018; 25 (2): 99–109
- **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2017 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Tusa, S.  
2018; 15: 37–55
  - **Maritime Networks in the Ancient Mediterranean World**  
edited by Leidwanger, J., Knappett, C.  
2018
  - **New investigations of the 6th-c. AD "church wreck" at Marzamemi, Sicily** *JOURNAL OF ROMAN ARCHAEOLOGY*  
Leidwanger, J.  
2018; 31: 339–56
  - **From Time Capsules to Networks: New Light on Roman Shipwrecks in the Maritime Economy** *AMERICAN JOURNAL OF ARCHAEOLOGY*  
Leidwanger, J.  
2017; 121 (4): 595–619
  - **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2016 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Tusa, S.  
2017; 14: 105–22
  - **GLOBALISATION AND THE ROMAN WORLD: WORLD HISTORY, CONNECTIVITY AND MATERIAL CULTURE (Book Review)** *JOURNAL OF ROMAN STUDIES*  
Book Review Authored by: Leidwanger, J.  
2017; 107: 378-379
  - **The Making of the Middle Sea: A History of the Mediterranean from the Beginning to the Emergence of the Classical World (Book Review)** *CLASSICAL PHILOLOGY*  
Book Review Authored by: Leidwanger, J.  
2016; 111 (4): 465-469
  - **An Assemblage of Early Modern Ordnance and Ground Tackle from South-west Cyprus** *INTERNATIONAL JOURNAL OF NAUTICAL ARCHAEOLOGY*  
Howitt-Marshall, D., Jones, T. N., Leidwanger, J., Nowak, T. J.  
2016; 45 (1): 175-180
  - **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2015 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Tusa, S.  
2016; 13: 129-143
  - **A Late Antique Ceramic Assemblage at Burgaz, Datca Peninsula, South-west Turkey, and the "Normality of the Mixed Cargo" in the Ancient Mediterranean** *INTERNATIONAL JOURNAL OF NAUTICAL ARCHAEOLOGY*  
Leidwanger, J., Greene, E. S., Tuna, N.  
2015; 44 (2): 300-311
  - **MARZAMEMI II 'CHURCH WRECK' EXCAVATION: 2014 FIELD SEASON** *ARCHAEOLOGIA MARITIMA MEDITERRANEA-AN INTERNATIONAL JOURNAL ON UNDERWATER ARCHAEOLOGY*  
Leidwanger, J., Tusa, S.  
2015; 12: 103-115
  - **Burgaz (Palaia Knidos) 2012 Yılı Çalınmalar Kazı Sonuçları Toplantısı**  
Tuna, N., Atçın, N., Sakarya, I., Greene, E. S., Leidwanger, J.  
2014; 35 (1): 60-75
  - **Maritime Networks and Economic Regionalism in the Roman Eastern Mediterranean** *Les nouvelles de l'archéologie*  
Leidwanger, J.  
2014; 135: 32-38

- **Implementing Underwater Cultural Heritage ‘Best Practices’ in the Mediterranean: The Noto Meeting** *International Journal of Nautical Archaeology*  
Leidwanger, J., Greene, E. S., Daniels, B. I., Leventhal, R. M., Tusa, S.  
2014; 43 (2): 453-455
- **A Preliminary Archaeometric Analysis of the Late Roman 1 Amphoras from the Cargo of the Seventh-Century Yass#ada Shipwreck, Turkey** *LRCW 4. Late Roman Coarse Wares, Cooking Wares and Amphorae in the Mediterranean*  
Leidwanger, J.  
edited by Poulou-Papadimitriou, N.  
Oxford University Press.2014: 897–906
- **Marzamemi II ‘Church Wreck’ Excavation: 2013 Field Season** *Archaeologia Maritima Mediterranea*  
Leidwanger, J., Bruno, N.  
2014; 10: 191-198
- **Integrating an Empire: Maritime Trade and Agricultural Supply in Roman Cyprus** *Skyllis: Zeitschrift für Unterwasserarchäologie*  
Leidwanger, J.  
2014; 13 (1): 59-66
- **Review of "Trading Communities in the Roman World: A Micro-Economic and Institutional Perspective"** *Columbia Studies in the Classical Tradition*  
Leidwanger, J.  
Leiden: Brill.2014
- **Excavating the Harbors of Old Knidos** *INA Quarterly*  
Greene, E. S., Leidwanger, J., Tuna, N.  
2014; 40 (4): 8-13
- **Opportunistic Ports and Spaces of Exchange in Late Roman Cyprus** *JOURNAL OF MARITIME ARCHAEOLOGY*  
Leidwanger, J.  
2013; 8 (2): 221-243
- **Between Local and Long-Distance: A Roman Shipwreck at Fig Tree Bay off SE Cyprus** *Journal of Roman Archaeology*  
Leidwanger, J.  
2013; 26: 191-208
- **Review of "Maritime Technology in the Ancient Economy: Ship-Design and Navigation"** *Journal of Roman Archaeology Supplementary Series, American Journal of Archaeology*  
Leidwanger, J.  
2013; 117 (2)
- **Expanding Contacts and Collapsing Distances in Early Cypro-Achaic Trade: Three Case Studies of Shipwrecks off the Turkish Coast** *Transport Amphorae and Trade of Cyprus*  
Greene, E. S., Leidwanger, J., Özda#, H.  
edited by Lawall, M. L., Lund, J.  
Aarhus: Aarhus University Press.2013: 21–34
- **Modeling Distance with Time in Ancient Mediterranean Seafaring: A GIS Application for the Interpretation of Maritime Connectivity** *Journal of Archaeological Science*  
Leidwanger, J.  
2013; 40: 3302-3308
- **Burgaz 2011 Y#1# Çal##malar# Kaz# Sonuçlar# Toplant#s#**  
Tuna, N., At#c#, N., Sakarya, I., Greene, E. S., Leidwanger, J.  
2013; 34 (3): 5-24
- **Law, Ethics, and Deep-Water Archaeology: the Wreck of Cesnola's Napried** *IKUWA3: Beyond Boundaries: The 3rd International Congress on Underwater Archaeology*  
Greene, E. S., Leidwanger, J.  
edited by Henderson, J.  
Frankfurt: Roman-Germanic Commission.2012: 83–88

- **Sourcing the Cargos of Three Archaic Shipwrecks: Kekova Adas#, Kepçe Burnu, and Çayca##z Koyu Arkeometri Sonuçlar# Toplant#s#**  
Leidwanger, J., Özda#, H., Greene, E. S.  
2012; 27: 393-409
- **Mare Nostrum? Ethics and Archaeology in Mediterranean Waters** *AMERICAN JOURNAL OF ARCHAEOLOGY*  
Greene, E. S., Leidwanger, J., Leventhal, R. M., Daniels, B. I.  
2011; 115 (2): 311-319
- **Two Early Archaic Shipwrecks at Kekova Adasi and Kepce Burnu, Turkey** *INTERNATIONAL JOURNAL OF NAUTICAL ARCHAEOLOGY*  
Greene, E. S., Leidwanger, J., Ozdas, H. A.  
2011; 40 (1): 60-68
- **Amphoras from an Early Imperial Shipwreck at Fig Tree Bay, Cyprus: International Imports and Local Imitations** *Rei Cretariae Romanae Fautorum Acta*  
Leidwanger, J.  
2010; 41: 9-16
- **Toward Best Practices in Mediterranean Underwater Archaeology** *International Journal of Nautical Archaeology*  
Greene, E. S., Leidwanger, J., Leventhal, R. M., Daniels, B. I.  
2010; 39 (2): 437-439