

# Lee Mordechai

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## Formal Education

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- 2017** Princeton University, Ph.D. in History. Advisor: John Haldon; Dissertation title: “Costly Diversity: Transformations, Networks, and Minorities in Byzantium, 976-1118”. Defended 9/11/17.
- 2011** Hebrew University, M.A. in Clinical Psychology, magna cum laude.
- 2009** Hebrew University, B.A. in History and Psychology (dual majors), summa cum laude.

## Academic Appointments

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- 2018** University of Notre Dame, Medieval Institute, Byzantine Studies Postdoctoral Fellowship.
- 2017** Princeton University, History Department, Research Associate.

## Peer-reviewed Publications

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2015. **Mordechai, L.**, “The Last Century of Theophanes’ Chronicle: A Statistical Approach”, *Travaux et Mémoires* 19, pp. 445-466.

(forthcoming, invited). **Mordechai, L.**, Sixth Century Antioch Between Resilience and Vulnerability. To be published in a special issue of *Late Antique Archaeology*.

## Other Publications

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(forthcoming). **Mordechai, L.** and Stahl, A., Late Antique and Early Medieval Imitations and the FLAME Database. To be published in the *Journal of Nordic Numismatics*.

(forthcoming, invited). **Mordechai, L.**, “Benjamin of Tudela and his Book of Travels”, in *Byzantine Texts on Art and Aesthetics, Vol. II: From the Komnenoi to the rise of Hesychasm (1081- ca.1330)*, eds. Charles Barber and Foteini Spingou. Submitted Dec. 2015.

## Current Projects

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- 2015-** Associate Director and co-PI of the CCHRI (Climate Change and History Research Initiative), [cchri.princeton.edu](http://cchri.princeton.edu).
- 2013-** Director of the FLAME Project (Framing the Late Antique and early Medieval Economy), 20+ participants, [coinage.princeton.edu](http://coinage.princeton.edu).

## Submitted Publications

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(under revision) Haldon, J.F., **Mordechai, L.**, Newfield, T., Chase, A., Eastwood, W., Elton, H., Izdebski, A., Guzowski, P., Labuhn, I., McMillan, A., Şenkul, Ç., Roberts, N., “History Meets Palaeoscience: Consilience and Collaboration in the 21st Century”. Submitted September 2017 to the *Proceedings of the National Academy of Sciences*.

(under review) **Mordechai, L.**, “Short-term Cataclysmic Events”. Revised and resubmitted September 2017 to the *Journal of Human Ecology*.

(under review) **Mordechai, L.**, “The FLAME Project: Reconstructing the Late Antique and Early Medieval Economy”. Submitted September 2017 to the Proceedings of the Second Numismatic Congress on the History of Money and Numismatics in the Mediterranean World.

(under review) Izdebski, A., Cassis, M., Laparidou, S., **Mordechai, L.**, Pickett, J., White, S., Allcock, S., “Environmental stress and resilience in complex historical societies. Insights from Eastern Mediterranean case studies”. Submitted July 2017 to the *Journal of Human Ecology*.

(under review) Xoplaki, E., Luterbacher, J., Wagner, S., Zorita, E., Fleitmann, D., Preiser-Kapeller, J., Sargent, A.M., White, S., Toreti, A., Haldon, J. F., **Mordechai, L.**, Bozkurt, D., Akçer-Ön, S., Izdebski, A., “Modeling climate and societal resilience in the Eastern Mediterranean during the last millennium”. Submitted May 2017 to the *Journal of Human Ecology*.

(under revision) Soroush, M. and **Mordechai, L.**, “Adaptation to Short-term Cataclysmic Events: Flooding in premodern riverine societies”. Submitted May 2017 to the *Journal of Human Ecology*.

(under revision) **Mordechai, L.** and Pickett, J., “Earthquakes: the quintessential SCE”. Submitted March 2017 to the *Journal of Human Ecology*.

(under review, invited) **Mordechai, L.**, “Archaeoseismology”. Submitted Jan. 2017 to the *Companion to Byzantine Environmental History* (eds. Adam Izdebski and Johannes Preiser-Kapeller, to be published by Brill).

## Honors and Awards

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<b>2017/8</b>	Peter R. Brown Prize (\$1,000)
<b>2016/7</b>	Notre Dame Medieval Institute postdoctoral fellowship
<b>2016/7</b>	Haifa Center for Mediterranean History post-doctoral fellowship (declined for personal reasons)
<b>2016/7</b>	Koç University's Research Center for Anatolian Civilizations (ANAMED) postdoctoral fellowship (declined for personal reasons)
<b>2016/7</b>	University of Vienna, Digital Humanities, postdoctoral position (declined for personal reasons)
<b>2016/7</b>	Dean's Fund for Scholarly Travel (\$600)
<b>2016/7</b>	Princeton's Center for Digital Humanities Seed Grant (\$900)
<b>2015/6-2016/7</b>	Princeton Energy and Climate Scholars Graduate Fellowship (\$1,000)
<b>2015/6</b>	The Sharmin and Bijan Mossavar-Rahmani Center for Iran and Persian Gulf Studies research funding (\$1,000)
<b>2015/6</b>	Princeton's Center for Digital Humanities conference funding (\$750)
<b>2014/5-2015/6</b>	Princeton's Committee for the Study of Late Antiquity research funding (\$2,400)
<b>2011/2-2015/6</b>	Stanley J. Seeger Graduate Student Grant (\$10,000)
<b>2011/2-2015/6</b>	Princeton's Program in the Ancient World research funding (\$5,300)
<b>2011/2-2015/6</b>	Princeton's Near Eastern Studies research funding (\$2,000)
<b>2014/5</b>	Princeton's History Department dissertation research funding (\$8,600)
<b>2014/5</b>	Gorgias Press Book Grant (\$250)
<b>2011/2-2014/5</b>	Stanley J. Seeger Hellenic Studies Summer Fellowship (\$5,200)
<b>2013/4</b>	Princeton's History Department pre-dissertation research funding (\$4,100)
<b>2012/3</b>	PIIRS (Princeton Institute for International and Regional Studies) research funding (\$500)
<b>2011/2</b>	Princeton's History Department language funding (\$3,200)
<b>2011/2</b>	Dumbarton Oaks Byzantine Greek Summer School

## Teaching

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- 2015/6** Attended the McGraw Teaching Seminar (year-long) at Princeton.
- 2014** Teaching Assistant at Princeton for The World of Late Antiquity (HIS 210); taught two sections. 22 students.
- 2009-2011** Teaching Assistant at the Hebrew University of Jerusalem for Ancient History introductory courses; taught an introductory freshman seminar “Bibliographical Tutoring” (two sections).

## Research Training and Skills

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- 2017** Glaciology, Speleothemology and Resilience Workshop (Princeton University).
- 2016** Palynology Workshop (Princeton University).
- 2015** Dendroclimatology Workshop (Princeton University).
- 2015** Greek Paleography and Codicology Winter School (The American Academy, Rome).
- 2012-4** Assistant to Alan Stahl in cataloging ancient and medieval coins of the Princeton numismatic collection.
- 2012** Dumbarton Oaks Summer School in Byzantine Greek (Washington DC).
- 2012** Institute for Balkan Studies Summer School in Modern Greek (Thessaloniki, Greece).

## Digital Humanities

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- 2014-** Planning and developing databases and graphic interfaces; working with FLAME’s developers in the US and Europe.
- additional tools** Programming (Java, JavaScript, Python; inc. numpy, scipy, pandas, matplotlib, keras), R, Octave, MySQL, Tableau, ArcGIS, GitHub, AWS, Cytoscape, Gephi, Gretl, Visual Studio, SPSS, HTML, CSS.

## Research Languages

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Ancient/Medieval Greek, Latin, Arabic, Italian, Hebrew, Syriac, French, German, Modern Greek, Russian (learning).

## Event Organization

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- 2017** (September) Co-organizer of a three day environmental history workshop covering the topics of glaciology, speleothemology, and resilience for the PIIRS Climate Change and History Research Initiative. ~25 participants.
- 2017** (May) Co-organizer of “Vulnerability and Resilience: From Catastrophe to Complexity in the Premodern Mediterranean and the Pre-Columbian Americas”, at Princeton. ~15 participants.
- 2017** (May) Organizer of panel, “Exploring the Early Medieval Economy”, at the International Congress of Medieval Studies at Kalamazoo.
- 2017** (April) Co-organizer of a colloquium, “The Premodern Family: A Comparative Approach”, at Princeton with Sara McDougall (CUNY). ~15 participants.
- 2017** (January) On organizing academic committee of the “2nd International Congress on the History of Money and Numismatics in the Mediterranean World”, in Antalya, Turkey. ~60 participants.
- 2016** (September) Co-organizer of a three day Palynology Workshop for the PIIRS Climate Change and History Research Initiative. ~25 participants.
- 2016** (May) Organizer of a three-day conference, “Framing the Late Antique and Early Medieval Economy”, at Princeton. ~25 participants.
- 2016** (May) Co-organizer of a colloquium, “Climate and Resilience”, for the PIIRS Climate Change and History Initiative. ~10 participants.
- 2015** (September) Co-organizer of a three day Dendroclimatology Workshop for the PIIRS Climate Change and History Initiative, at Princeton. ~20 participants.
- 2015** (May) Co-organizer of a three day conference, “Climate and Society in Byzantine and Ottoman Anatolia, 300-1900 CE”, at Princeton. ~20 participants.
- 2015** (March) Organizer of the workshop, “FLAME, Phase I: Minting”, at Princeton. ~15 participants.
- 2014, 2015** (Summer) Coordinator and point-person for Princeton’s Mt. Menoikeion Seminar, planning and leading a group of students in Greek for a week. ~15 participants.
- 2014** (April) Co-organizer of the graduate conference, “There and Back Again: Travel and Itinerancy in the Middle Ages”, at Princeton. ~15 participants.

## Select Presentations

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- 2017** (May) “The FLAME Project - Visualizing Transnational Medieval Economic Networks” (Exploring the Early Medieval Economy, Kalamazoo)
- 2017** (May) “Rugged Resilience: Antioch in the Sixth Century” (Vulnerability and Resilience: From Catastrophe to Complexity in the Premodern Mediterranean and the Pre-Columbian Americas, Princeton University)
- 2017** (April) “Social Mobility, Imperial Succession, and Elite Families in Eleventh Century Byzantium” (Family in the Premodern World: A Comparative Approach, Princeton University)
- 2017** (invited, March) “Short-term environmental shocks and socio-political change in sixth-century Antioch” (Climate Change in Eurasian Late Antiquity: A Dialogue between Science, History, and Archaeology, Institute for Advanced Studies)
- 2017** (invited, March) “The Transformation of the Late Antique Economy in West Asia: Digital Data and Databases” (B.D. Kochnev Memorial Seminar in Central Asian and Middle Eastern Numismatics, Hofstra University)
- 2017** (invited, January) “Big Data and the Mediterranean Economy” (Second International Congress on the History of Money and Numismatics in the Mediterranean World, Antalya, Turkey)
- 2017** (invited, January) “A Macro-View of Money in the Early Medieval Mediterranean Economy (4<sup>th</sup>-8<sup>th</sup> Centuries) – The FLAME Project, Princeton” (Second International Congress on the History of Money and Numismatics in the Mediterranean World, Antalya, Turkey)
- 2016** (invited, December) “Resilience to Short-term Cataclysmic Events in Premodern Societies” (Princeton Energy and Climate Scholars Dinner Discussion, Princeton).
- 2016** (October) “From Fanboys to Frenemies: Foreign Elites in Eleventh Century Byzantium” (The Annual Byzantine Studies Conference, Cornell).
- 2016** (August) “Families, Feuds and Friends: imperial succession in the eleventh century Eastern Roman Empire” (The International Congress of Byzantine Studies, Belgrade).
- 2016** (May) “Resilience to Seismic Events in the Byzantine Empire” (Climate and History Colloquium, Princeton).

- 2016** (invited, May) “The FLAME (Framing the Late Antique and early Medieval Economy) Project: From Solidus to Software” (The International Congress on Medieval Studies, Kalamazoo, MI).
- 2016** (April) Three presentations (“FLAME: An Overview”; “FLAME: Interim Findings”; “FLAME: The Future”) at the Framing the Late Antique and Early Medieval Economy Conference (Princeton).
- 2016** (invited, March) “Byzantium in the Balkans: Memories of an Empire” (Seeger Center for Hellenic Studies, Princeton).
- 2016** (March) “From Suspects to Successors: Imperial Families and Inheritance in Eleventh-Century Byzantium” (Annual IUUC Consortium, New York City).
- 2015** (May) “Imperial expenses in the Eleventh Century Eastern Roman Empire” (The International Congress on Medieval Studies, Kalamazoo, MI).
- 2015** (May) “Monastics, Monasteries and Monasticism: A Comparative Approach” (Mt. Menoikeion seminar, Princeton).
- 2015** (May) “Earthquakes: Extent, Effects and Evidence” (PIIRS Climate and History Initiative Conference, Princeton).
- 2015** (March) “King of the World or Dust in the Wind: Constantine IX between history and historiography” (Annual Princeton Graduate Conference, Princeton).
- 2014** (June) “Remembering Byzantium in the Balkans” (Mt. Menoikeion seminar, Greece).
- 2013** (June) “Byzantium and its Frontiers” (Mt. Menoikeion seminar, Greece).
- 2013** (April) “Forms of Social Grouping in the Early Church Historians” (Annual Princeton Graduate Conference, Princeton).
- 2012** (September) “The Last Century of Theophanes’ Chronicle – A Statistical Approach” (Theophanes Conference, Paris).

## **Service**

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- 2015/6-2016/7** Member of Princeton’s Career Services Graduate Student Advisory Board.
- 2013/4** Graduate History Association – Treasurer. Planned and executed budget.