

MAX D. PRICE

Massachusetts Institute of Technology
Department of Materials Science and Engineering
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EDUCATION

- Ph.D. 2016 Harvard University Department of Anthropology, Dissertation Title:
Pigs and Power: Pig Husbandry in Northern Mesopotamia during the Emergence of Social Complexity (6500-2000 BC)
- B.A. 2009 The University of Chicago Department of Anthropology (with honors)

ACADEMIC POSITIONS

- 2017-Present *Lecturer in Archaeology*, Department of Materials Science and Engineering, MIT
- 2017 *Postdoctoral Researcher (Wissenschaftlicher Mitarbeiter)*, Graduate School
“Human Development in Landscapes,” Christian-Albrechts-Universität zu Kiel
- 2016-2017 *Postdoctoral Fellow*, Peabody Museum & Department of Anthropology, Harvard University

RESEARCH INTERESTS

Animal Domestication; Human-Environment Interaction; Foodways; Social Inequality; Near Eastern Archaeology; Stable Isotope Ecology; Zooarchaeology

BOOKS

- In Press *Evolution of a Taboo: Pigs and People in the Ancient Near East*. Oxford University Press (expected date of publication: March 2020).

PEER-REVIEWED PUBLICATIONS

- In Review **Price, M. D.**, Y. M. Rowan, M. Kersel, and C. Makarewicz. "Cattle in the Ghor and Grain-Eating Boar: Isotopic Perspectives on Animal Husbandry at Chalcolithic Marj Rabba" Submitted to *Anthropological and Archaeological Sciences* August 2019.
- In Press **Price, M. D.** “Pigs in Between: Pig Husbandry in the Late Neolithic in Northern Mesopotamia.” *Archaeozoology of the Near East XII*. Lockwood Press.
- In Press **Price, M. D.** and H. Hongo. “The Archaeology of Pig Domestication: Methods, Models, and Case Studies.” *Journal of Archaeological Research*. Accepted March 2019.
- 2019 Frantz, L. A. F., J. Haile, A. T. Lin, A. Scheu, C. Geörg, N. Benecke, M. Alexander, A. Linderholm, V. E. Mullin, K. G. Daly, V. M. Battista, **M. Price**, K. J. Gron, P. Alexandri, R.-M. Arbogast ... [83 additional authors] and Greger

- Larson. “Ancient Pigs Reveal a Near-Complete Genomic Turnover Following Their Introduction to Europe.” *Proceedings of the National Academy of Sciences* 116: 17231-17238.
- 2019 **Price, M. D.** and A. Evin. “Long-term Morphological Changes and Evolving Human-Pig Relations in the Northern Fertile Crescent from 11,000-2000 cal. BC.” *Archaeological and Anthropological Sciences* 11:237-251.
- 2018 **Price, M. D.**, C. Makarewicz, and M. Chesson. “Domestic Animal Production and Consumption at Tall al-Handaquq South (Jordan) in the Early Bronze III.” *Paléorient* 44: 77-93
- 2017 **Price, M. D.**, K. Grossman, and T. Paulette. “Pork and the Pastoral Bias: The Hidden Transcript of Pigs in 3rd Millennium Northern Mesopotamia.” *Journal of Anthropological Archaeology* 48: 46-62.
- 2017 Wolfhagen, J. and **M. D. Price**. “A Probabilistic Model for Distinguishing between Sheep and Goat Postcranial Remains.” *Journal of Archaeological Science: Reports* 12:625-631.
- 2016 **Price, M. D.**, A. C. Hill, Y. M. Rowan, and M. Kersel. “Gazelles and Chalcolithic Ritual: A Case Study from Marj Rabba.” *Bulletin of the American Schools of Oriental Research* 376: 7-27.
- 2016 B. S. Arbuckle, **Price, M. D.**, H. Hongo, B. Öksüz. “A Comparison of the Spread of Domestic Cattle in the Zagros, Euphrates, and Tigris Regions.” *Journal of Archaeological Science* 72: 1-9.
- 2016 Weber, S. L. and **M. D. Price**. “What the Pig Ate: A Plant Microfossil Study of Pig Dental Calculus from 10th-3rd Millennium BC Northern Mesopotamia.” *Journal of Archaeological Science Reports* 6: 819-827.
- 2016 **Price, M. D.**, J. Wolfhagen, and E. Otárola-Castillo. “Confidence Intervals in the Analysis of Mortality and Survivorship Curves in Zooarchaeology.” *American Antiquity* 81: 157-173.
- 2016 Hill, A. C., **M. D. Price**, and Y. M. Rowan. “Feasting at Marj Rabba, an Early Chalcolithic Site in the Galilee.” *Oxford Journal of Archaeology* 35: 127-140.
- 2015 **Price, M. D.** and B. S. Arbuckle. “Early Domestic Pigs in the Zagros Flanks: Reanalysis of the Fauna from Neolithic Jarmo, Northern Iraq.” *International Journal of Osteoarchaeology* 25: 441-453.
- 2013 Stein, G., Alizadeh, A., Ahmadzadeh, L., Alden, J., Backhaus, H., Coutourand, B., Fahimi, H., Harris, S., Lieber, K., Omidfar, M., **Price, M. D.** “Preliminary Report on the First Season of Excavations at the Chalcolithic Site of Surezha in the Erbil 32 Governate Kurdistan Region, Iraq, 2013.” *Iranian Archaeology* 4: 32-41.
- 2013 **Price, M. D.**, M. Buckley, M. Kersel, Y. M. Rowan. “Animal Management Strategies during the Chalcolithic in the Lower Galilee: New Data from Marj Rabba.” *Paléorient* 39: 183-200.

- 2013 d’Alpoim Guedes, J., T. C. Bestor, D. Carrasco, R. Flad, Ethan Fosse, M. Herzfeld, C. C. Lamberg-Karlovsky, C. M. Lewis, M. Liebmann, R. Meadow, N. Patterson, **M. D. Price**, M. Reiches, S. Richardson, H. Shattuck-Heidorn, J. Ur, G. Urton, C. Warinner. “Is Poverty in Our Genes? A Critique of Ashraf and Galor, “The ‘Out of Africa’ Hypothesis, Human Genetic Diversity, and Comparative Economic Development,” *American Economic Review*.” *Current Anthropology* 54: 71-79.

NON-PEER REVIEWED ARTICLES AND BOOK CHAPTERS

- Submitted **Price, M. D.** “Food and Israelite Identity.” In: Fu, J., C. Shafer-Elliott, and C. Meyers (eds.) *T&T Clark Handbook to Food in the Hebrew Bible and Ancient Israel*. Bloomsbury T&T Clark.

ELECTRONIC PUBLICATIONS/SOFTWARE

- 2015 zooaRch: Analytical Tools for Zooarchaeological Data in R. Created by E. Otárola-Castillo, J. Wolfhagen, and **M. D. Price**.

GRANTS, FELLOWSHIPS, AND AWARDS

Grants

- 2019 Deutsche Forschungsgemeinschaft (DFG)
Individual Research Grant [with Lee Perry-Gal], Project number 427940018
“Development of Pig Husbandry and Taboo in the Southern Levantine Classical Period: An Integrated Zooarchaeological, Isotopic, and Genetics Approach”
- 2016 Rust Family Foundation
Archaeology Research Grant
“Risqeh Archaeology Project (Jordan)”
- 2014 National Science Foundation
Doctoral Dissertation Improvement Grant (Award ID 1405344)
“The Impact of Sociopolitical Complexity on Pig Husbandry in Northern Mesopotamia”
- 2013 National Geographic Society
Young Explorers Grant 9352-13
“Zooarchaeological and Archaeological Investigations of Early Complex Society at Tell Surezha (Iraqi Kurdistan)”

Fellowships

- 2018-2020 Alexander von Humboldt Foundation
Humboldt Research Fellowship for Postdoctoral Researchers
- 2015 Cora Du Bois Charitable Trust
Summer Fellowship
- 2014 Smithsonian Institution
Short-Term Visitor Fellowship
- 2013 Department of Anthropology, Harvard University

Teschmacher Award for Summer Research

2011 Graduate Schools of Arts and Sciences, Harvard University
Pre-Dissertation Research Fellowship

2009 American Schools of Oriental Research
Platt Excavation Fellowship

Awards

2014 Derek Bok Center for Teaching and Learning, Harvard University
Certificate of Distinction in Teaching Award

TEACHING EXPERIENCE

MIT, 2017-Present

Lecturer

3.986: Introduction to Archaeology

3.987: Human Evolution: Data from Paleontology, Archaeology, and Materials Science

3.993: Archaeology of the Middle East

Harvard University, 2012-2015

Teaching Fellow

Societies of the World 38: Pyramid Schemes

Anthropology 1010: Fundamentals of Archaeological Methods and Reasoning

Anthropology 1080: North American Archaeology

Human Evolutionary Biology 1411: Evolution and Adaptation of the Human Diet

Anthropology 1165: Digging the Glyphs

INVITED LECTURES

2019 “Evolution of the Forbidden: The Pig Taboo in Middle Eastern Cultures from Prehistory to Today” Lecture given to Ancient and Medieval Studies Program at MIT.

2018 “Thinking Through the Pig Taboo.” Lecture given in *New Zooarchaeology* Symposium at University of Groningen.

2018 “A Millennium of Pork: The Forgotten Meat of the Early Bronze Age Near East.” Lecture given to Department of Anthropology, Stony Brook University.

2017 “Pigs, Pig Husbandry, and Early Urbanism in Northern Mesopotamia.” Lecture given to Department of Archaeology, Boston University.

2017 “Pigs in Early Urban Mesopotamia: A Forgotten History.” Lecture given to Department of Anthropology, University of Connecticut.

FIELDWORK AND RESEARCH PROJECTS

- 2019-Present The Delzian Plain Archaeology Project, Iraq
Zoarchaeologist
- 2019-Present Hebrew University Excavations at Tel Qedesh, Israel
Zoarchaeologist
- 2018-present Pigs and Humans in the Roman and Byzantine Levant: aDNA, Stable Isotopes,
and Zooarchaeology
Principle Investigator
- 2013-Present Tell Surezha Archaeological Project, Iraq
Principal Zooarchaeologist, Operation 4 & 5 Supervisor (2013-2016)
- 2009-Present Galilee Prehistory Project, Israel
Principal Zooarchaeologist
- 2016 Risqeh Archaeological Project, Jordan
Director
- 2013 Jemez FHiRE Project, New Mexico
Surveyor
- 2012 Erbil Plain Archaeological Survey, Iraq
Surveyor
- 2010 The Hamoukar Expedition, Syria
Zoarchaeology Team Member, Trench E1 Supervisor
- 2010 El-Hemmeh Archaeological Project, Jordan
Excavator

PROFESSIONAL CONFERENCE PRESENTATIONS

- 2019 “Production and Consumption at Tell Surezha: An Animal Economy on the Erbil Plain during the Transition to Complex Societies.” Presented at the 14th Meeting of the Archaeozoology of Southwest Asia Working Group (ASWA) in Barcelona, Spain.
- 2018 “Thinking Through the Pig Taboo.” Presented at the New Zooarchaeology conference at the University of Groningen.
- 2018 “Bayesian Approaches to Mixture Modeling in Zooarchaeology.” (With J. Wolfhagen). Poster presented at the 83rd Annual Society for American Archaeology (SAA) Meeting in Washington, DC.
- 2017 “Pigs in Between: Pig Husbandry in the Late Neolithic in Northern Mesopotamia.” Presented at the 13th Meeting of the Archaeozoology of Southwest Asia Working Group (ASWA) in Nicosia, Cyprus.

- 2017 “Animal Husbandry at Late Chalcolithic Tell Surezha (Iraqi Kurdistan).” Presented at the 82nd Annual SAA Meeting in Vancouver, BC.
- 2016 “Big Roles for Smallholders in Complex Societies.” Presented at the 81st Annual SAA Meeting in Orlando, FL.
- 2015 “Pork Futures Past: The Pig Complex in the Cities of Early Bronze Age Northern Mesopotamia.” (With K. Grossman and T. Paulette). Presented at the 2015 American Schools of Oriental Research (ASOR) Annual Meeting. Atlanta, GA.
- 2014 “Long Term Trends in Pig Husbandry and Social Change in Northern Mesopotamia, ca. 6500-2000 cal. BC.” Presented at the 12th International Council for Archaeozoology (ICAZ) in San Rafael, Argentina.
- 2014 “Animal Husbandry and Secondary Products at Chalcolithic Marj Rabba (Israel).” Presented at the 79th Annual SAA Meeting in Austin, TX.
- 2013 “Marj Rabba: A Chalcolithic Settlement in the Lower Galilee.” (With Y. Rowan, M. Kersel, Austin Hill, P. Graham, D. Shalem, B. Jackson, and A. Dudek). Presented at the 2013 ASOR Annual Meeting. Baltimore, MD.
- 2012 “Marj Rabba: A Chalcolithic Settlement in the Lower Galilee.” (With Y. Rowan, M. Kersel, Austin Hill, B. Jackson, and D. Shalem). Presented at the 2012 ASOR Annual Meeting. Chicago, IL.
- 2012 “Ambiguities in Defining, Detecting, and Interpreting Feasting Behavior in the Archaeological Record”. Presented at the 77th Annual SAA Meeting. Memphis, TN.
- 2011 “Faunal Remains and Subsistence Patterns in the Lower Galilee (Israel) during the Chalcolithic Period: New Data from Marj Rabba (Har ha-Sha’avi, West).” Presented at the 76th Annual SAA Meeting. Sacramento, CA.
- 2011 “Hybridity and the ‘Cybernetic’ Approach to Animal Domestication.” Presented at the 2011 University of Chicago Interdisciplinary Archaeology Workshop. Chicago, IL.

ORGANIZED CONFERENCE SESSIONS

- 2018 *Quantitative Modeling of Archaeological Data*. Poster Session Co-Chair. 83rd Annual Society for American Archaeology (SAA) Meeting in Washington, DC.
- 2016 *Big Roles for Smallholders in Complex Societies*. Symposium Chair. 81st Annual Society for American Archaeology (SAA) Meeting in Orlando, FL.

PROFESSIONAL MEMBERSHIPS

American Schools of Oriental Research (ASOR), International Council for Archaeozoology (ICAZ), Society for American Archaeology (SAA), Archaeological Institute of America (AIA)