

Curriculum Vitae
Jeffrey C. Howry, Ph.D.
June 2022

Research Associate

Harvard Museum of the Ancient Near East
Faculty of the Arts and Sciences
Harvard University

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EDUCATION

- Ph.D., M.A. Harvard University - microeconomics of indigenous marketing systems, pottery production and materials analysis, Mayan archaeology, the sociolinguistics of acculturation
- B.A., Cum Laude Adelphi University - paleo-environmental reconstruction, North American prehistory

RECENT RESEARCH & PUBLICATIONS

- 2021 *Nahal Tabor to the Sea – An Archaeological Transect from Nahal Tabor to the Sea* – presented at the bi-annual conference of the Society of Near East Landscape Archaeology, March 4, 2022, Istanbul, Turkey, co-authored with Linda Olsvig-Whittiker (Ecole Biblique et Archeologique Francaise, Jerusalem), Patrick Leiverkus (German Protestant Institute of Archaeology, Jerusalem) and David Shkedi (Bar-Ilan University, Israel)
- 2020 [A Tale of Two Villages – New Perspective on the Historic Palestine Landscape](#), published in a special issue of the Jerusalem Quarterly titled “[Palestine from Above: Surveillance, Cartography and Control \(Part II\)](#)”, Summer, 2020
- 2020 [Enhancing the Terrestrial Survey of Vegetated Landscapes – the Jezreel Valley Experience](#), Digital Archaeology & History, Session 2, American Society of Overseas Research, Annual Conference, November, 2020
- 2020 [Historic Landscapes of the New and Old World are revealed with LiDAR](#) – webinar hosted by Blue Marble Geographics, March 2020
- 2019 *Greater Megiddo Not Seen Before*, [In Situ](#), publication of the Standing Committee of Archaeology, Harvard University Fall issue pp 26-29
- 2019 [Legio, the Camp of the 6th Roman Legion, northern Israel](#) – Excavation staff member and remote sensing specialist; conducted terrestrial surveys of nearby Roman, Late Ottoman and Mandate era historic archaeological sites to verify ground features displayed by LiDAR.
- 2018 [Publishing Landscape Archaeology in the Digital Age](#), part of, the first collection of articles in a special edition of the Journal of Landscape Ecology, Vol. 10 / No. 3; 2017 for the [Society for Near East Landscape Archaeology](#)
- 2017 *Travels of David Lyon – a travelogue of the first Director of the Harvard Semitic Museum* (ASOR November 17, 2017, Boston, MA) (<http://arcg.is/1RVfUWB>)
- 2016 *Rubkan - Trapped on the Edge of Nowhere*, an analysis of persons at extreme risk (Syrian Refugee Settlement) (<http://scholar.harvard.edu/jhowry/publications/rubkan-trapped-edge-nowhere>)
- 2015 *Innovative Syrian Refugee Projects – Study Group on Syrian Refugees*, Kennedy School of Government, Harvard University (<http://worldmap.harvard.edu/maps/5624>)
- 2014 *Brazil Diaspora – Brazilian Demography & Election Data* (<https://worldmap.harvard.edu/maps/1718>)
- 2013 *Uncovering the Past – Travels of Nelson Glueck for 1936-1939*, from the Digital Archives of ASOR in collaboration with the American Schools of Oriental Research (<http://worldmap.harvard.edu/maps/5930>)
- 2012 20th Century urban development of Persian Gulf cities, for the *Gulf Encyclopedia for Sustainable Urbanism*, Graduate School of Design, Harvard University

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- 2011 GIS Mapping of Protestant missions to Guatemala in the 20th-21st centuries - Research Assistant for Rachel McCleary, Research Fellow, Kennedy School of Government, Harvard University
- 2011 GIS Publishing to the Web, Connecting Scholarly Communities for Collaborative Research – conference sponsored by the Center for Geographic Analysis, Harvard University, Conference, May, 2011
- 2010 GIS viewshed techniques applied to the spatial analysis of Phoenician navigation and sacred seascapes in the Mediterranean during the first millennium B.C.E.
- 2010 Archaeo-astronomy analysis of Khirbet Tanur, Nabataean temple design and astronomical events.

RECENT PRESENTATIONS, TRAINING & TEACHING

- 2020 [*Historic Landscapes of the Jezreel Valley – Welcome to Abu Shusha*](#), poster presented at the Annual Conference of the American Society of Overseas Research (virtual conference, November, 2020)
- 2017 *WorldMap – a GIS platform for Scholarly Collaboration & Teaching*, presentation and workshop at the inaugural conference for founding the , March 1, 2017, Jerusalem, Israel (https://1drv.ms/b/s!ArYq0JjONQTLxxhsHAhdpsZ_pn8i)
- 2014-15 *WorldMap - GIS for the Digital Humanities*, presentation to students and staff of the Wentworth Institute of Technology, Boston, MA
- 2012 *Demography in Antiquity & Today*, GIS for Humanists Workshop, December 6, 2012, Harvard University
- 2012 *WorldMap, a spatial perspective for Collaboration, Research & Education*, HUIT Summit, May 31, 2012, Harvard University
- 2011 *Sacred Seascapes of the Mediterranean – sailing the shores of North Africa and beyond*, at Re-Mapping Africa in GIS: From Humanities to Health, conference sponsored by the Center for Geographic Analysis and the Committee on African Studies, March 30, 2012, Harvard University

Teaching & Conference Posters

- 2019-2020 – Harvard Museum of the Ancient Near East: Provided GIS workshop to HNAME student interns and follow-up training; produced illustrations; prepared graphs for an article on Greek coins written by HNAME Research Associate Marvin Kushnet.
- 2011 – 2015 WorldMap Collaborative – taught a weekly workshop on using WorldMap and GIS tools for data visualization and georeferencing maps, Center for Geographic Analysis, Harvard University
- 2013 *Desert Crossroads – the ASOR Surveys of the Transjordan and Palestine 1932-1947 conducted by Nelson Glueck*, a paper presented at the annual meeting of the American Schools of Oriental Research, Baltimore, MD, November 2013 (<https://worldmap.harvard.edu/maps/2689>)
- 2011 *WorldMap – GIS for Scholars and Educators*, paper and workshop presented at the annual meeting of the American Schools of Oriental Research, San Francisco, November, 2011.
- 2011 *GIS Publishing to the Web: Connecting Scholarly Communities for Collaborative Research* – CGA conference poster presented at “Geospatial Collaboration: New Common Ground”, Harvard University, May, 2011
- 2010 *Over the Horizon – Phoenician Navigation and Sacred Landscapes*, winning conference poster presented at “New Technologies and Interdisciplinary Research on Religion” conference sponsored by the Center

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- for Geographic Analysis and the Kennedy School of Government, Harvard University, in collaboration with Joseph Greene, March, 2010
- 2010 Published online training course modules for commercial real estate property research as part of the Common Ground University (commonground.mrooms2.net), the first online commercial real estate due diligence courses of their type ever offered via the web; developed collaboratively with subject experts from across the U.S.
- 2001-07 Conducted company-wide training on the evaluation of historic properties and archaeological sites for compliance with the National Historic Preservation Act
- 1977 Adjunct Faculty, Northeastern University, Burlington Campus: Introduction to Cultural Anthropology
- 1974 Co-Instructor for the first course on anthropological film taught at Harvard University
- 1972-75 Harvard University teaching fellow for Psychological Anthropology taught by Professor John Whiting, Dept. of Social Relations

INDUSTRIAL ARCHAEOLOGY

- 1978 –90 Historic industrial property research and documentation of engineering processes and production; wide-area archaeological surveys; record photographic documentation, and Historic American Engineering Record (HAER) reports.
- 1991 *Washburn & Moen Wire Works, Worcester, Massachusetts* - Historic property report (co-author with Boston Affiliates), prepared for the Historic American Engineering Record, U.S. Department of the Interior
- 1990 *U.S. Military Reservation, West Point, NY* - prepared a cultural resources survey documenting prehistoric and historic sites throughout the military reservation for wildlife and forest management programs; assisted in the preparation of the National Register nomination for the Queensboro Furnace, an eighteenth century iron forge located on the military reservation, prepared for the U.S. Army Corps of Engineers
- 1989 *South Boston Power Station, Massachusetts Transportation Authority* – historic property report of the first central power station of Boston’s mass transportation system, a historic property report prepared for the Historic American Engineering Record, U.S. Department of the Interior
- 1988 *Evaluation of the Engineering Features at the Deer Island Sewerage Works, 1894-1909, Boston* - historic property report prepared for the Historic American Engineering Record, U.S. Department of the Interior
- 1988 *Historic Maritime Resources: Planning for Preservation*, published by the National Trust for Historic Preservation. The report provides community-level guidance for the identification and evaluation of all types of historic maritime resources. Washington, D.C. (co-author with Boston Affiliates)

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INDUSTRIAL ARCHAEOLOGY & HISTORIC PRESERVATION PRESENTATIONS

- 1989 *In and Out of Historic Hazardous Waste; Understanding Process Technology in Historic Industries*, presented at the annual conference of the Society of Historic Archaeology, Baltimore, MD
- 1986 *Federal Investment Tax Credits for Historic Rehabilitation - the Massachusetts Experience*, an analysis of the economic benefits of investment tax credits prepared for Historic Massachusetts Inc., a statewide nonprofit historic preservation organization, Boston
- 1985 *Rehabilitation of Historic Industrial Properties in Southern New England*, a paper presented at the plenary session of the national conference of the Society for Industrial Archeology, Newark, New Jersey
- 1984 *Powering the "T": Power engineering of Boston's rapid transit system*, paper presented at the 13th Annual Conference of the Society for Industrial Archeology, Boston

CENTRAL AMERICAN RESEARCH

- 1978 - *Ethnographic Realities of Maya Prehistory*, in *Cultural Continuity in Mesoamerica*, David Bowman, editor, Mouton Publishers, The Hague, 1978
- 1976 – *Fires on the Mountain – pottery production and marketing systems among the Highland Maya, Chiapas, Mexico*, Ph.D. thesis, Harvard University
- 1976 – Quantitative analysis of lowland Maya figurines for stylistic trends, in collaboration with Professor Jeremy Sabloff
- 1975 – Spatial analysis of indigenous trading patterns exemplified by pottery distribution among the Tzotzil & Tzeltal-speaking highland Maya, Chiapas Mexico
- 1972 – *Color categorization among the Otomi-speakers of central Mexico as a measure of acculturation*, Masters Degree qualifying research, Department of Anthropology, Harvard University/
- 1971 – *Hunter and Gatherer food choices, a linear programming approach to decision making*, unpublished research paper

TECHNOLOGY

ArcGIS, Quantum GIS, WorldMap, Global Mapper & Google Earth Pro
Photoshop CS5, Acrobat X Pro
Microsoft Office Suite (*Word, Excel, PowerPoint, Outlook, Access*)
Microsoft *SharePoint Services*
Microsoft *SharePoint Designer, Project and Visio*
XML data design and workflow documentation

LARGE FORMAT ARCHITECTURAL B&W PHOTOGRAPHIC DOCUMENTATION:

Northern Avenue Bridge, Boston, Massachusetts
Assabet River Bridge, Grafton, Massachusetts

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Bridgewater Street Bridge, Gloucester, Massachusetts
Phoenix Bridge, Arkwright, Rhode Island
Lock of the Enfield Canal, Windsor Locks, Connecticut

SPECIAL SKILLS

GIS mapping and data analysis – ArcGIS, Quantum GIS, Global Mapper & WorldMap
HABS/HAER documentation and architectural photography – digital B&W & color
Financial modeling with Excel
Software application design and development

Professional Affiliations

American Schools of Oriental Research 2011-2021

Society for Industrial Archeology, Southern New England Chapter (SIA/SNEC), also President 1989-1992

Related Business Experience

My initial academic interest in quantitative analysis led to a continuing involvement from 1990 to 2010 in promoting technology for business communication and project management. As a result, I designed and directed the development of several custom software applications for project management, client contacts and project workflow. Among the largest of these projects was the introduction of GIS into an environmental management company that provided critical resource and regulatory information for properties located throughout the U.S. In today's businesses, especially those involving real estate, the management of data is essential to success. In the same manner, today's academic research can be significantly enhanced by technologies that rapidly deliver data and allow collaboration in ways not possible for previous generations of scholars.

Research, analysis and report writing have been the cornerstone of my business career beginning with my first position as a cultural resource manager responsible for the evaluation of archaeological sites and historic properties located throughout the U.S. My academic training in archaeology and my research in paleoenvironments and ecology provided the background for a consulting practice the evaluation of historic industrial properties and the evaluation of the environmental impacts of industrial facilities. As a commercial real estate appraiser, I prepared reports which required quantitative analysis of market data and detailed qualitative analysis involving original market research. These two related fields of environmental management and real estate valuation provided a necessary background for the broader responsibilities required for a commercial loan underwriter and director of loan due diligence.

Throughout my business career I have pursued a parallel interest in industrial archaeology. Many historic industries had business practices which produced significant environmental impacts. At the same time, industrial business processes represent a specialized knowledge which is understood from written sources and oral history, the same types of sources used in social anthropological and archaeological research.