

**Curriculum Vitae**

Hambrecht, George – office 301-405-1003 cell 646-641-9053 email [ghambrecht@gmail.com](mailto:ghambrecht@gmail.com)

**Current Position**

Anthropology Department, University of Maryland, College Park, Associate Professor, 2011 - ongoing

**Other Affiliations**

Smithsonian Institution, National Museum of Natural History, Research Fellow, 2015-2017, 2018-2021

Human Ecodynamics Research Center, Advisory Board, 2020 - ongoing

**Educational Background**

Ph.D. in Anthropology, Graduate Center of the City University of New York, 2011

M.Phil. in Anthropology, Graduate Center of the City University of New York, 2009

BA in History, Bard College, 1995

**Research, Scholarly and Creative Activities****Book Chapters**

- 2020 Dugmore, Andrew, Rowan Jackson, David Cooper, Anthony Newton, Arni Daniel Juliosson, Richard Streeter, Vidar Hreinsson, Stefani Crabtree, George Hambrecht, Megan Hicks, Thomas McGovern. Continuity in the Face of a Slowly Unfolding Catastrophe: The Persistence of Icelandic Settlement Despite Large-Scale Erosion. In *Going Forward by Looking Back, Archaeological Perspectives on Socio-Ecological Crisis, Response and Collapse*, editors Felix Riede and Payson Sheets, Berghahn Books, New York.
- 2020 Hambrecht, George. Crashes, Collapse and Conjunction: Archaeological Perspectives. In *Arctic Crashes*, editor Igor Krupnik. Smithsonian Publications, Washington D.C.
- 2019 McGovern, Thomas H., George Hambrecht, Megan Hicks. Historical Ecology and longitudinal research strategies around Lake Myvatn, Iceland. In *Historical Ecologies, Heterarchies and Transtemporal Landscapes*, editors Celeste Ray and Manuel Fernandez-Gotz. Routledge, New York.
- 2017 McGovern, Thomas H., George Hambrecht, Seth Brewington, Frank Feeley, Ramona Harrison, Megan Hicks, Konrad Smiarowski, James Woollett. Too Many Bones: Data Management and the NABONE Experience. In *The Wide Lens in Archaeology: Honoring Brian Hesse's Contributions to Anthropological Archaeology*, editors Justin Lev-Tov, Paula Wapnish, Allan Gilbert. Lockwood Press, London, Pages 29-42
- 2017 Smiarowski, Konrad, and Harrison, R., Brewington, S., Hicks, M., Feeley, F., Dupont-Herbert, C., Prehal, B., Hambrecht, G., Woollett, J., McGovern, T.H. Zooarchaeology of the Scandinavian Settlements in Iceland and Greenland: Diverging Pathways. In *the Oxford Handbook of Zooarchaeology*, Oxford University Press, Oxford UK.

- 2015 Hambrecht, George. The First European Colonization of the North Atlantic. In A Historical Archaeology of Capitalism, eds. Mark Leone and Jocelyn Knauf.
- 2009 McGovern, Thomas H., Sophia Perdikaris, Ingrid Mainland, Philippa Ascough, Vicki Ewens, Arni Einarsson, Jane Sidell, George Hambrecht, and Ramona Harrison. The Archaeofauna, in: Gavin Lucas (ed.) Hofstaðir: Excavations of a Viking Age Feasting Hall in North Eastern Iceland , Inst. of Archaeology Reykjavik Monograph 1, Reykjavik. Pp 168-252.
- 2007 Perdikaris, S., Hambrecht, G. Brewington S. and McGovern, T.H. Across the Fish Event Horizon: a Comparative Approach. In The Role of Fish in Ancient Time. ed. Heidemarie Huster Plogmann. Rahden, Westphalia: Verlag Marie Leidorf. Pages 51-62.

#### Articles in Refereed Journals

- 2021 Opitz, Rachel, Strawkacker, C., Buckland, P.I., Cothren, J., Dawson, T., Dugmore, A., Hambrecht, G., Koster, W., Lethbridge, E., Mainland, I., McGovern, T.H., Newton, A., Palsson, G., Ryan, T., Streeter, R., Stade, E., Szabo, V., Thompson, P. A Lockpick's Guide to dataARC: Designing Infrastructures and Building Communities to Enable Transdisciplinary Research, Internet Archaeology 56.
- 2021 Degroot, Dagomar, Anchukaitis, K., Bauch, M., Burnham, J., Carnegy, F., Cui, J., de Luna, K., Guzowski, P., Hambrecht, G., Huhtamaa, H. Towards a Rigorous Understanding of Societal Responses to Climate Change, Nature 591.
- 2021 Chowdhury, Manasij Pal, Choudhury, K.D., Bouchard, G.P., Riel-Salvatore, J., Negrino, F., Benazzi, S., Slimak, L., Frasier, B., Szabo, V., Harrison, R., Hambrecht, G., Kitchener, A.C., Wogelius, R.A., Buckley, M. Machine learning ATR-FTIR spectroscopy data for the screening of collagen for ZooMS analysis and mtDNA in archaeological bone. Journal of Archaeological Science, 126.
- 2020 Hambrecht, George, Anderung, C., Brewington, S., Dugmore, A., Edvardsson, R., Feeley, F., Gibbons, K., Harrison, R., Hicks, M., Olafsdottir, G., Rockman, M., Smiarowski, K., Streeter, R., Szabo, V., McGovern, T.H. Distributed Observation Networks of the Past. Quaternary International.
- 2019 Hambrecht, George, Feeley, F., Smiarowski, K., Hicks, M., Harrison, R., Brewington, S., Cesario, G., Gibbons, K. A millennium of Icelandic archaeological fish data examined against marine climate records. Quaternary Research.
- 2018 Hambrecht, George and Gibbons, Kevin. Whale Bone as Fuel at an Inland Farm in Early Modern Iceland. Arctic Anthropology.
- 2017 Utsunomiya, Yuri Tani, Milanesi, M., Utsunomiya A.T.H., Torrecilha, R.P.B., Kim E., Costa M.S., Schroeder S., Carmo A.S., Roberto Carvalheiro<sup>9</sup>, Haroldo Henrique de Rezende Neves, Romulo Padula, Thayla Sussai, Zavarez L.B., Cipriano R.S., Caminhas M., Hambrecht, G., Colli, L., Ajmone-Marsan, P., Liu, G., Bickhart D., Van Tassell, C.P., Sölkner, J., Sonstegard, T.S., Garcia, J.F. A *PLAG1* haplotype contributed to stature recovery in modern cattle. Nature Communications.
- 2017 Hambrecht, George. aDNA as a Tool for Navigating the Anthropocene. Culture, Agriculture, Food and the Environment.
- 2017 Hambrecht, George and Marcy Rockman. International Approaches to Climate Change Threats and Cultural Heritage. American Antiquity.

- 2017 Hartman, Steven, Ogilvie, A.E.J., Ingimundarsson, J.H., Dugmore, A., Hambrecht, G., McGovern, T.H. Medieval Iceland, Greenland, and the New Human Condition: a case study in Integrated Environmental Humanities. *Global and Planetary Change*.
- 2016 Nelson, M., Ingram, S., Dugmore, A., Streeter, R., Peeples, M., McGovern, T.H., Hegmon, M., Arneborg, J., Kintigh, K., Brewington, S., Spielmann, K., Simpson, I., Strawhacker, C., Comeau, L., Torvinen, A., Madsen, C.K., Hambrecht, G., Smiarowski, K. Climate challenges, vulnerabilities, and food security. *Proceedings of the National Academy of Sciences*, 113 (2): 293-303.
- 2015 Brewington, S., Hicks, M., Edwald, A., Einarsson, A., Anamthawat-Jónsson, K., Cook, G., Ascough, P., Sayle, K., Arge, S., Church, M., Bond, J., Dockrill, S., Friðriksson, A., Hambrecht, G., Juliusson, A., Hreinsson, V., Hartman, S., Smiarowski, K., Harrison, R., McGovern, T.H. Islands of change vs. islands of disaster: Managing pigs and birds in the Anthropocene of the North Atlantic. *The Holocene*, 25 (10): 1676-1684.
- 2014 Hegmon, M., Arneborg, J., Dugmore, A., Hambrecht, G., Ingram, S., Kintigh, K., McGovern, T.H., Nelson, M., Peeples, M., Simpson, I., Spielmann, K., Streeter, R., Vésteinsson, O. The Human Experience of Social Change and Continuity: The Southwest and North Atlantic in “Interesting Times” ca. 1300. *Climates of Change: The Shifting Environments of Archaeology Proceedings of the 44th Annual Chacmool Conference* Edited by Sheila Lacey, Cara Tremain, and Madeleine Sawyer Published by the University of Calgary.
- 2013 Perdikaris, S., Grouard, S., Hambrecht, G., Mebane-Cruz, A. The Caves of Barbuda’s Eastern Coast: Long-term Occupation, Ethnohistory, and Ritual. *Caribbean Connections* 3, 1-9.
- 2012 Hambrecht, George. A Zooarchaeology of Modernity in Iceland. In *Archaeologies of Modernity in Iceland*, editor Gavin Lucas. A Special Issue of the *International Journal of Historical Archaeology*, Amsterdam, Springer Netherlands.
- 2010 Perdikaris, S., Hambrecht, G., Harrison, R. Three Decades in the Cold and Wet: a Career in Northern Archaeology. *Archaeologia Islandica*
- 2009 Hambrecht, George and Arendt, Beatrix (editors). *Early Modern Archaeologies of the North Atlantic. A Special Issue of JONA (Journal of the North Atlantic)*.
- 2009 Hambrecht, George and Arendt, Beatrix. Introduction, *Archaeologies of the early modern North Atlantic: An Introduction*. In *Early Modern Archaeologies of the North Atlantic*, eds George Hambrecht and Beatrix Arendt. A Special Issue of *JONA (Journal of the North Atlantic)*.
- 2009 Hambrecht, George. Zooarchaeology and the archaeology of early modern Iceland. In *Early Modern Archaeologies of the North Atlantic*, eds. George Hambrecht and Beatrix Arendt. A Special Issue of *JONA (Journal of the North Atlantic)*.
- 2007 George Hambrecht. The Bishop’s Cows. *Stanford Journal of Archaeology*
- 2006 George Hambrecht - The Bishop’s Beef. Improved Cattle at Early Modern Skálholt, Iceland. *Archaeologia Islandica* 5. Pages 82-94.

#### Invited Talks

- 2021 University of Glasgow Archaeology Research Seminar Series - Distributed Long-term Observation Networks of the Past’: the utility of mobilizing the past to address contemporary climate change. *Behavior, Baselines and Genetics*.

- 2021 Human Ecodynamics Research Center Conference – The Central North Atlantic Marine Historical Ecology Project.
- 2020 Arctic Science Summit Week, Polar Archaeology Network Session – The Central North Atlantic Marine Historical Ecology Project.
- 2019 Canadian Archaeology Association Conference/NABO 2019 Meeting – Using Marine Archaeological Remains as Resources for Contemporary Climate Problems.
- 2018 Society for American Archaeology Conference, Washington DC - Zooarchaeology, Shifting Baselines and Rapidly Changing Climates
- 2018 Ocean’s Past Conference VII, Bremerhaven, Germany – A millennium of Icelandic archaeological fish data examined against marine climate records.
- 2017 ESSAS (Ecosystem Studies of Arctic and Subarctic Seas) PESAS (Paleoecology of Subarctic Seas) Conference, Tromso, Norway – The Central North Atlantic Marine Historical Ecology Project.
- 2017 American Society of Environmental History Conference, Chicago – The Environmental Humanities and Environmental Archaeology.
- 2016 Georgetown University Environmental History Graduate Seminar, Washington DC – Distributed Observation Networks of the Past.
- 2016 World Archaeology Congress Conference, Kyoto, Japan – Distributed Observation Networks of the Past.
- 2016 Royal Anthropological Institute Conference, London, UK –The Application of aDNA Towards Navigating the Anthropocene.
- 2016 Society for American Archaeology Conference, Orlando, Florida – International Efforts Towards Combatting Climate Change Threats to Cultural Heritage.
- 2016 Society for Historical Archaeology Conference, Washington DC – Climate Change Threats to Historical Archaeology.
- 2015 Society for American Archaeology Conference, San Francisco, CA – Discussant, Islands and Invasives: the Archaeology of Plant and Animal Translocation.
- 2015 Society for American Archaeology Conference, San Francisco, CA – Chair, IHOPE Sponsored Session, Historical Ecology.
- 2014 ESSAS (Ecosystem Studies of Arctic and Subarctic Seas) PESAS (Paleoecology of Subarctic Seas) Conference, Copenhagen, Denmark. The Archaeology of the Medieval Cod Trade.
- 2013 North Atlantic Biocultural Organization Conference (NABO) Stefannson Institute, Akureyri Iceland – Preliminary Results of the Skaftartunga Project
- 2013 GHEA/Alaska EPSCoR workshop – Long-term Resilience of Northern Landscapes
- 2013 National Conference on Science, Policy, and the Environment – Long-term Resilience of North Landscapes
- 2011 North Atlantic Biocultural Organization Conference (NABO) University of Edinburgh UK – The Potential for Environmental Archaeological prospecting for Antigua/Barbuda Historical Archaeology
- 2011 The International Association of Caribbean Archaeology Conference (IACA) Fort de France, Martinique – Post-Columbian Archaeology in the Barbuda Historical Archaeology Project
- 2011 The Seventh International Congress of Arctic Social Sciences, (ICASS VII), Akureyri Iceland - Climatic Hazards and Social Transformations in the North Atlantic Region and the U.S. Southwest, 900 to 1500 CE
- 2011 Resilience Alliance 2011 conference, Phoenix AZ - Vulnerability in the Early Modern World - Historical Archaeology in Iceland and Barbuda

- 2011 Society for American Archaeology (SAA) Conference, Sacramento, CA, Session Organizer  
- Long Term Human Ecodynamics on the Island of Barbuda, West Indies
- 2009 Global Long-term Human Ecodynamics Conference, Eagle Hill Foundation, Maine –  
Ecodynamics of Modernity Session – Can we find signatures of the Modern  
World in the Zooarchaeology of the North Atlantic?
- 2009 The International Association for Caribbean Archaeology Conference (IACA) Antigua –  
The Highland House, Barbuda, Survey
- 2008 Society of American Archaeology (SAA) Conference, Vancouver BC, Session Organizer -  
Cod, Cattle, Commodities and Survival in the Scandinavian North Atlantic
- 2008 Theoretical Archaeology Group (TAG) New York City Conference - Trespassing,  
Israelites and the Queen’s Chain – Rumor, Folklore and Archaeology in the  
Caribbean
- 2007 Society for Historical Archaeology (SHA) Annual Conference, Williamsburg VA - The  
Bishop’s Cows – an improved faunal landscape in 17th century Iceland
- 2006 Council for Northeastern Historical Archaeology (CNEHA) Conference, Westchester NY –  
The Zooarchaeology of City Hall Park, New York City
- 2006 North Atlantic Biocultural Organization (NABO) Conference – Laval University, Quebec  
City – Home on the Hagi – paper in session - Economic Decision Making in the  
Context of Instability
- 2006 International Council on Archaeozoology (ICAZ) Conference, Mexico City DF Session  
organizer - Cattle and Cod
- 2006 Cultures of Contact Conference – Stanford University – The Bishop’s Beef – Early  
Modern Elite Formation in Iceland
- 2006 Institute for Arctic and Alpine Research (INSTAAR) Conference – University of Colorado,  
Boulder - Getting it Almost Right: Climate Fluctuation, Grazing Management,  
and Soil Erosion in Medieval Northern Iceland.
- 2006 Society for Historical Archaeology (SHA) Conference, Sacramento CA - Session organizer  
-Cultural Dynamics in the North Atlantic
- 2005 Arctic Conference – UC Davis, Davis CA - Inland Cod and Pagan Burials-Coastal  
Connections and Social Scale in 9th-11th century Northern Iceland
- 2005 Association of Environmental Archaeology (AEA) Annual Conference– Winchester UK –  
The Landscapes circum-Landnám Project in Iceland

### Reports

- 2015 Hreidarsdottir, E., Hambrecht, G., Streeter, R. Skaftartunga: archaeological excavations  
in 2014. Fornelifastofnun Islands, Reykjavik, Iceland.
- 2014 Hreidarsdottir, E., Hambrecht, G., Streeter, R., Dugmore, A., Gestdottir, H. Skaftartunga:  
archaeological excavations in 2013. Fornelifastofnun Islands, Reykjavik, Iceland.
- 2011 Hambrecht, G., Hicks, M., Djuknic, B., Khalsa, S., Williams, L., Riggle, R., Plummer, J.,  
Olavarria, G., Adkins, R. Preliminary Report of the January 2011 Excavations at  
Highland House, Barbuda, Antigua/Barbuda. Barbuda Archaeological Research  
Center, Barbuda Research Complex, Antigua and Barbuda.
- 2010 Hambrecht, G., Feeley F. Preliminary Report for the Castle Excavation, Barbuda  
Historical Ecology Project, January 2010 Season. Barbuda Archaeological  
Research Center, BARC Report 2010-3
- 2009 Hambrecht, G., Look, C. Survey and Mapping for the Highland House, Barbuda.  
Manuscript, Graduate Center, City University of New York, NY.

- 2009 Hambrecht, G., Look, C. 2009 Highland House Survey Report for the Barbuda Historical Ecology Project. Barbuda Archaeological Research Center, BARC Report 2009-1.
- 2007 Hambrecht, G., Kuchar, P., Pallsdottir, A., Woollett, J. Preliminary Report of the Archaeofauna at Skalholt, Iceland. NORSEC Zooarchaeology Lab Report, CUNY Northern Science and Education Center.
- 2002 Lucas, G., Thorgeirsdottir, S., Hambrecht, G. Skalholt 2005: framvindskýrslur. Forleifastofnun Islands, Reykjavik, Iceland.

#### Government Policy

- 2016 Rockman, M., Morgan, M., Ziaja, S., Hambrecht, G., Meadow, A. Cultural Resources Climate Change Strategy. National Parks Service, US Department of the Interior.

#### Book Reviews

- 2019 Review of 'Public Archaeology and Climate Change', Tom Dawson, Nimura, C., Lopez-Romero, E., Daire, M., Oxbow Books, (2017), in Heritage and Society.

#### Significant Works in Public Media

- 2019 Inland Icelanders Burned Whale Bones for Warmth, Hakai Magazine, Kiona Smith, online magazine.
- 2016 Race to save hidden treasures under threat from climate change, New Scientist, Aisling Irwin, print and online magazine.
- 2016 A Conversation about Archaeology in the Arctic, Historical Climatology Podcast, Dagomar Degroot, online podcast.

#### **Sponsored Research**

PI – Dr. George Hambrecht (University of Maryland), Co-PI – Dr. Nicole Misarti (UA Fairbanks), Co-PI Arni Daniel Juliusson (University of Akureyri), Central North Atlantic Marine Historical Ecology Project, National Science Foundation, Navigating the New Arctic Directorate Grant, 2021-2023, 1,700,000\$

PI – Dr. George Hambrecht (University of Maryland), - Co-PI's – Dr. Seth Brewington (CUNY), Dr. Rebecca Rennel (University of the Highlands and Islands), Outer Hebrides Historical Ecology Project, National Geographic Explorers Grant, 2021, 30,000\$

PI – Dr. George Hambrecht + Valerie Hall (University of Maryland) – Deans Research Initiative, Provost's Office, UMD, 2019, 10,000\$

PI – Dr. George Hambrecht (University of Maryland) - Co-PI's – Dr. Thomas McGovern (CUNY Hunter College, CUNY), Dr. Andrew Dugmore (University of Edinburgh), Dr. Orri Vesteinsson, (University of Iceland), Comparative Island Ecodynamics in the North Atlantic Project, National Science Foundation Office of Polar Programs Grant, 2014-2018, 631,613\$

Lead Investigator – Dr. George Hambrecht (University of Maryland), National Parks Service Climate Change and Cultural Heritage Strategy, 2014-2016, 88,672\$

PI – Dr. Sophia Perdikaris (Brooklyn College, CUNY), Global Long-term Human Ecodynamics Research Coordination Network: Assessing Sustainability on the Millennial Scale, National

Science Foundation Office of Polar Programs, Science, Engineering, and Education Research and Coordination Network Grant, 2012-2016, Steering Committee Member

**Service and Outreach**

Reviewing Activities for Journals and Books

Journal of Ethnobotany

Geosciences

Post-Medieval Archaeology

Climate Risk Management

Conservation Biology

American Antiquity

Journal of the North Atlantic

Journal of Island and Coastal Archaeology

Reviewing Activities for Agencies

2019-2021 – Grant Review Board – American-Scandinavian Foundation

2011 + 2014 + 2015 + 2020– External Review Board – National Science Foundation, Office of Polar Programs, Arctic Social Science Program

2014 – External Review Board - National Oceanographic Partnership Program, Marine Arctic Ecosystem Study

2011 – External Reviewer – National Geographic

**Campus Service**

2020 – Director of Undergraduate Studies, Anthropology Department

2019-2020 – Department Chair Search Committee

2017 - 2021 Graduate Committee

2019 – Senator for Anthropology, University Senate

2019 – Search Committee Environmental Anthropology Hire

2015 - present Archaeology Minor Steering Committee

2017 - Search Committee Environmental Anthropology Hire

2015 - 2018 Faculty Advisory Committee

2013 – 2014 Graduate Committee

2013 – Search Committee Sustainable Heritage Hire

2012 – Departmental Chair Committee

**Disciplinary Service**

2017-2020- Society of American Archaeology representative to the Union of Concerned Scientists (UCS)

2015-2018 – Society of American Archaeology, Cultural Heritage and Climate Change Committee member

2015-2016 –USGCRP (United States Global Change Research Program) Social Sciences Taskforce, committee member for Archaeology

**Teaching, Mentoring, Advising**

Courses Taught

*Undergraduate*

Introduction to Archaeology – MA Level – enrollment 30

Introduction to Zooarchaeology – enrollment 12

Cultures in Transformation – the 17<sup>th</sup> century world – enrollment 100

Introduction to Prehistoric Archaeology – enrollment 80

Introduction to Environmental Archaeology – enrollment 15

Fire, Farming and Globalization – enrollment 75

Archaeology of the Norse – enrollment 20

*Graduate*

Introduction to Zooarchaeology

Environmental Archaeology

Core Course in Archaeology

Historical Archaeology

Archaeology of the Norse

Graduate Advising

PhD Candidate, Mary Efrid, Chair, 2021-ongoing

Masters Candidate, Nataline Beckley, 2021-ongoing

PhD Candidate, Cameron Walker, Committee Member – 2018-ongoing

PhD Candidate, Valerie Hall, Committee Member, 2017-ongoing

PhD candidate, Kevin Gibbons, Chair, 2013-ongoing

Masters Candidate, Sarah Noe, 2015-2017

Masters Candidate, Sara Downard, 2016-2018

Masters Candidate, Sarah Grady, 2016- 2018

Undergraduate Advising

Approx. 6