

## **Gideon Hartman**

Department of Anthropology Unit 1176,  
354 Mansfield Road University of  
Connecticut Storrs, CT 06269

### **Education**

- 8/03- 11/08 Harvard University, Ph.D. in Archaeology and Biological Anthropology,  
Department of Anthropology.  
Dissertation title: “The environmental origins of plants and herbivores in the  
southern Levant: an isotopic approach”.
- 08/01- 8/03 George Washington University, Doctoral student in Hominid  
Paleobiology, Department of Anthropology
- 11/97- 08/01 Hebrew University of Jerusalem, Israel, M.A. in Archaeology,  
Institute of Archaeology.  
Thesis title: “Morphology, ecology, and taphonomy of the Caspian turtle  
(*Mauremys caspica rivulata*) in the present day Jordan Valley, and at the site 780  
kya site of Gesher Benot Ya’aqov”.
- 11/93-11/97 Hebrew University of Jerusalem, Israel B.A.,  
Institute of Archaeology

### **Professional Employment**

- 2011–Present University of Connecticut, Department of Anthropology, Assistant Professor.
- 2010 – 2011 University of Connecticut, Department of Anthropology, post-doctoral  
research staff.
- 2009 – 2010 Max Planck Institute for Evolutionary Anthropology, Department of Human  
Evolution, post-doctoral research staff.
- 2009 Hebrew University of Jerusalem, visiting researcher in the Institute of  
Archaeology.

## Publications

- Hartman, G.**, Richards, M., 2014. Mapping and defining sources of variability in bioavailable strontium isotope ratios in the Eastern Mediterranean. *Geochimica et Cosmochimica Acta* 126, 250-264. DOI: 10.1016/j.gca.2013.11.015
- Hartman, G.**, Bar-Oz, G., Bouchnick, R., Reich, R., 2013. The pilgrimage economy of Early Roman Jerusalem (1st century BCE – 70 CE) reconstructed from the  $\delta^{15}\text{N}$  and  $\delta^{13}\text{C}$  values of goat and sheep remains. *Journal of Archaeological Science* 40, 4369-4376. DOI: 10.1016/j.jas.2013.07.001
- Hartman, G.** (2012) Impacts of environmental deterioration on the carbon isotope values of modern vegetation and gazelles in the southern Levant: predicting the severity of the Younger Dryas. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 321-322: 55-64. DOI:10.1016/j.palaeo.2012.01.015
- Zeininger, A., Richmond, B. G., and **Hartman, G.** (2011) Metacarpal head biomechanics: A comparative backscattered electron image analysis of trabecular bone mineral density in *Pan troglodytes*, *Pongo pygmaeus*, and *Homo sapiens*. *Journal of Human Evolution*. 60: 703-710. Doi:10.1016/j.jhevol.2011.01.002
- Hartman, G.** (2011) Reconstructing Mid-Pleistocene paleovegetation and climate in the Golan Heights using the carbon isotopes of paleosols and modern plants. *Journal of Human Evolution*. 60: 452-463. Doi:10.1016/j.jhevol.2010.08.001
- Hartman, G.** (2011) Are elevated  $\delta^{15}\text{N}$  values in herbivores in hot and arid environments caused by diet or animal physiology? *Functional Ecology*. 25(1):122-131. DOI: 10.1111/j.1365-2435.2010.01782.x
- Hartman, G.** and Danin, A. (2010) Isotopic values of plants in relation to water availability in the Eastern Mediterranean region. *Oecologia* 162(4):837-852. Doi:10.1007/s00442-009-1514-7
- Alperson-Afil, N., Sharon, G., Kislev, M., Melamed, M., Zohar, I., Ashkenazi, S., Rabinovich, R., Biton, R., Werker, E., **Hartman, G.**, Feibel, C., and Goren-Inbar, N. (2009) Hominin behavior and its spatial patterning at the Acheulian site of Gesher Benot Ya'aqov, Israel. *Science* 326:1667-1670.
- Hartman G.** (2008) Testudine Remains. In: Y. Garfinkel and D. Dag (eds) Neolithic Ashkelon, *Qedem* 47, Jerusalem, pp. 241-248
- Hartman, G.**, and Horwitz LK, (2007) Remains of Fresh-Water Turtles. In: M. Chazan and L.K. Horwitz (eds) *Holon, a lower Paleolithic site in Israel*. Peabody Museum Press, Harvard University, Cambridge.
- Brooks AS, Yellen JE, Nevell L, and **Hartman, G** (2006) Projectile technologies of the African MSA: implications for modern human origins. In: Hovers E, Kuhn SL (eds) *Transitions before the transition*, Springer, New-York, pp 233-256
- Garfinkel Y, Dag D, Hesse B, Wapnish P, Rookis D, **Hartman G**, Bar-Yosef Mayer D, and Lerna O (2005) Neolithic Ashkelon: meat processing and early pastoralism on the Mediterranean coast. *Eurasian Prehistory* 3 (1):43-72
- Hartman G** (2004) Long-term continuity of a freshwater turtle (*Mauremys caspica rivulata*) population in the Northern Jordan Valley and its paleoenvironmental implications. In: Goren-Inbar N, Speth JD (eds) *Human Paleoecology in the Levantine Corridor*, Oxbow,

Oxford, pp. 61-74

Alperson N, Barzilai O, Dag D, **Hartman G**, and Matskevich Z (2000) The age and context of the Tabun I skeleton: a reply to Schwarcz et al. *Journal of Human Evolution* 38: 849-853

## **Courses Taught**

Instructor ANTH3098 “**The Evolution of Human Diet**” (2013 – Present). University of Connecticut

Instructor ANTH1500 “**Great Discoveries in Archaeology**” (2013 – Present). University of Connecticut

Instructor and coordinator ANTH3098/5305 “**Archaeological Science and Forensics lab methods course**” (2012 - Present). University of Connecticut

Instructor, ANTH5305 “**Paleoclimate Reconstruction**” (2011 - Present). University of Connecticut.

Instructor, ANTH3098 “**Archeological Science**” (2011 - Present). University of Connecticut.

Instructor, ANTH5305 “**Introduction to Stable Isotopes**” (2010 - Present). University of Connecticut.