

Cover Page



Universiteit Leiden



The handle <http://hdl.handle.net/1887/20072> holds various files of this Leiden University dissertation.

Author: Laffoon, Jason Eric

Title: Patterns of paleomobility in the ancient Antilles : an isotopic approach

Issue Date: 2012-10-31

REFERENCES CITED

- Aberg, G., G. Fosse and H. Stray
1998 Man, nutrition and mobility: A comparison of teeth and bone from the Medieval era and the present from Pb and Sr isotopes. *The Science of the Total Environment* 224:109-119.
- Adams, W. Y., D. P. Van Gerven and R. S. Levy
1978 The Retreat from Migrationism. *Annual Review of Anthropology* 7:483-532.
- Allaire, L.
1990 Prehistoric Taino Interaction with the Lesser Antilles: the View from Martinique, F.W.I. Paper presented at the 55th Annual Meeting of the Society for American Archaeology, Las Vegas, Nevada.
- Allaire, L.
1994 *Historic Carib site discovered! University of Manitoba St. Vincent Archaeological Project Newsletter 1.*
- Allaire, L.
1999 Archaeology of the Caribbean Region. In *The Cambridge History of the Native Peoples of the Americas. Vol. III: South America.*, edited by F. Solomon and S. B. Schwartz, pp. 668-733. Cambridge University Press, Cambridge.
- Altena, E.
2007 The Burials of the SAN I site at Manzanilla, Eastern Trinidad: A preliminary study on reconstructing funerary behavior of the Late Palo Seco and Arauquinoid inhabitants. In *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology*, edited by B. Reid, H. Petitjean Roget and A. Curet, pp. 306-314. University of the West Indies, St. Augustine, Trinidad.
- Altschul, J. H. and D. R. Grenda (editors)
2002 *Islanders & Mainlanders: Prehistoric Context for the Southern California Bight.* SRI Press, Tucson.
- Ambrose, S. H.
1990 Preparation and Characterization of Bone and Tooth Collagen for Isotopic Analysis. *Journal of Archaeological Science* 17(4):431-451.
- Ambrose, S. H.
1991 Effects Of Diet, Climate and Physiology on Nitrogen Isotope Abundances In Terrestrial Foodwebs. *Journal of Archaeological Science* 18(3):293-317.
- Ambrose, S. H. and L. Norr
1993 Experimental Evidence for the Relationship of the Carbon Isotope Ratios of Whole Diet and Dietary Protein to Those of Bone Collagen and Carbonate. In *Prehistoric Human Bone: Archaeology at the Molecular Level.*, edited by J. B. Lambert and G. Grupe, pp. 1-37. Springer-Verlag, Berlin.
- Ambrose, S. H., B. M. Butler, D. B. Hanson, R. L. Hunter-Anderson and H. W. Krueger
1997 Stable Isotopic Analysis of Human Diet in the Marianas Archipelago, Western Pacific. *American Journal of Physical Anthropology* 104(3):343-361.

- Ambrose, S. H. and M. A. Katzenberg (editors)
2000 *Biogeochemical Approaches to Paleodietary Analysis*. Kluwer Academic/Plenum Publishers, New York.
- Ambrose, S. H., J. E. Buikstra and H. W. Krueger
2003 Status and gender differences in diet at Mound 72, Cahokia, revealed by isotopic analysis of bone. *Journal of Anthropological Archaeology* 22:217-226.
- Ammerman, A. J. and L. L. Cavalli-Sforza
1973 A Population Model for the Diffusion of Early Farming in Europe. In *The Explanation of Culture Change: Models in Prehistory*, edited by C. Renfrew, pp. 343-358. proceedings of a meeting of the Research Seminar in Archaeology and Related Subjects held at the University of Sheffield, Volume 1971. vol. 1971. Duckworth, London.
- Anderson, B.
1991 *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. Verso, London.
- Andrushko, V. A., M. R. Buzon, A. Simonetti and R. A. Creaser
2009 Strontium Isotope Evidence for Prehistoric Migration at Choquepukio, Valley of Cuzco, Peru. *Latin American Antiquity* 20(1):57-75.
- Andrushko, V. A., M. R. Buzon, A. M. Gibaja, G. F. McEwan, A. Simonetti and R. A. Creaser
2011 Investigating a child sacrifice event from the Inca heartland. *Journal of Archaeological Science* 38:323-333.
- Anthony, D. W.
1990 Migration in Archaeology: The Baby and the Bathwater. *American Anthropologist* 92(4):895-914.
- Anthony, D. W.
1992 The Bath Refilled: Migration in Archaeology again. *American Anthropologist* 94(1):174-176.
- Anthony, D. W.
1997 Prehistoric Migration as Social Process. In *Migrations and Invasions in Archaeological Explanation*, edited by J. Chapman and H. Hamerow, pp. 21-32. BAR International Series 664. Archaeopress, Oxford.
- Antón, S. C.
2008 Human Remains from the Río Tanamá Sites (AR-38 and AR-39). In *A Multidisciplinary Approach to Site Testing and Data Recovery at two Village Sites (AR-38 and AR-39) on the Lower Río Tanamá, Municipality of Arecibo, Puerto Rico*, edited by L. A. Carlson, pp. 149-190. vol. 1. Southeastern Archaeological Research, Inc., Jacksonville, FL.
- Arnold, J. R. and W. F. Libby
1949 Age Determinations by Radiocarbon Content: Checks with Samples of Known Age. *Science* 110(2869):678-680.
- Baetsen, S.
2003 Human Burials at the Manzanilla-I (SAN 1) Site, Trinidad, Trinidad and Tobago. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Balasse, M., S. H. Ambrose, A. B. Smith and T. D. Price

- 2002 The Seasonal Mobility Model for Prehistoric Herders in the South-western Cape of South Africa Assessed by Isotopic Analysis of Sheep Tooth Enamel. *Journal of Archaeological Science* 29:917-932.
- Balter, V., P. Telouk, B. Reynard, J. Braga, F. Thackeray and F. Albarède
2008 Analysis of coupled Sr/Ca and $^{87}\text{Sr}/^{86}\text{Sr}$ variations in enamel using laser-ablation tandem quadrupole-multicollector ICPMS. *Geochimica et Cosmochimica Acta* 72:3980-3990.
- Barth, F. (editor)
1969 *Ethnic groups and boundaries: The social organization of cultural difference*. Universitets Forlaget, Bergen.
- Bastos, M. Q. R., S. M. F. Mendonça de Souza, R. V. Santos, B. A. F. Lima, R. V. Santos and C. Rodrigues-Carvalho
2011 Human mobility on the Brazilian coast: an analysis of strontium isotopes in archaeological human remains from Forte Marechal Luz sambaqui. *Anais da Academia Brasileira de Ciências* 83(2):731-743.
- Bataille, C. P. and G. J. Bowen
2012 Mapping $^{87}\text{Sr}/^{86}\text{Sr}$ variations in bedrock and water for large scale provenance studies. *Chemical Geology* 304-305:39-52.
- Bataille, C. P., J. E. Laffoon and G. J. Bowen
in press Mapping multiple source effects on the strontium isotopic signatures of ecosystems: A case study from the circum-Caribbean region. *Ecosphere* Special Feature: Isoscapes in Ecology: integrating across scales with the isotopic record.
- Beard, B. L. and C. M. Johnson
2000 Strontium Isotope Composition of Skeletal Material Can Determine the Birth Place and Geographic Mobility of Humans and Animals. *Journal of Forensic Sciences* 45:1049-1061.
- Beehr, D. E.
2011 Investigation of Middle Woodland Population Movement in the Midwestern United States Using Strontium Isotopes. PhD Dissertation, Department of Anthropology, University of Illinois at Urbana-Champaign, Urbana-Champaign.
- Beets, C. J., S. R. Troelstra, P. M. Grootes, M.-J. Nadeau, K. van der Borg, A. F. M. de Jong, C. L. Hofman and M. L. P. Hoogland
2006 Climate and Pre-Columbian settlements at Anse à la Gourde, Guadeloupe, Northeastern Caribbean. *Geoarchaeology* 21(3):271-280.
- Bell, L. S., J. A. Lee-Thorp and A. Elkerton
2010 Sailing against the wind. Reply to Millard and Schroeder: 'True British sailors': A comment on the origin of the men of the Mary Rose. *Journal of Archaeological Science* 37:683-686.
- Bender, M. M.
1971 Variations in the $^{13}\text{C}/^{12}\text{C}$ ratios of plants in relation to the pathway of photosynthetic carbon dioxide. *Phytochemistry* 10:1239-1244.
- Benson, L., L. Cordell, K. Vincent, H. Taylor, J. Stein, G. L. Farmer and K. Futa
2003 Ancient Maize from Chacoan Great Houses: Where Was It Grown? *Proceedings of the National Academy of Sciences of the United States of America* 100(22):13111-13115.

- Bentley, R. A., T. D. Price, J. Lüning, D. Gronenbron, J. Wahl and P. D. Fullager
2002 Prehistoric Migration in Europe: Strontium Isotope Analysis of Early Neolithic Skeletons. *Current Anthropology* 43:799-804.
- Bentley, R. A., R. Krause, T. D. Price and B. Kaufmann
2003 Human Mobility at the Early Neolithic Settlement of Vaihingen, Germany: Evidence From Strontium Isotope Analysis. *Archaeometry* 45(3):471-487.
- Bentley, R. A., T. D. Price and E. Stephan
2004 Determining the 'local' $^{87}\text{Sr}/^{86}\text{Sr}$ range for archaeological skeletons: a case study from Neolithic Europe. *Journal of Archaeological Science* 31:365-375.
- Bentley, R. A. and C. Knipper
2005 Geographical Patterns in Biologically Available Strontium, Carbon and Oxygen Isotope Signatures in Prehistoric SW Germany. *Archaeometry* 47(3):629-644.
- Bentley, R. A., M. Pietrusewsky, M. T. Douglas and T. C. Atkinson
2005 Matrilocality during the prehistoric transition to agriculture in Thailand? *Antiquity* 79:865-881.
- Bentley, R. A.
2006 Strontium Isotopes from the Earth to the Archaeological Skeleton: A Review. *Journal of Archaeological Method and Theory* 13(3):135-187.
- Bentley, R. A., H. R. Buckley, M. Spriggs, S. Bedford, C. J. Ottley, G. M. Nowell, C. G. Macpherson and D. G. Pearson
2007a Lapita Migrants in the Pacific's Oldest Cemetery: Isotopic Analysis at Teouma, Vanuatu. *American Antiquity* 72(4):645-656.
- Bentley, R. A., N. Tayles, C. Higham, C. Macpherson and T. C. Atkinson
2007b Shifting gender relations at Khok Phanom Di, Thailand: isotopic evidence from the skeletons. *Current Anthropology* 48(2):301-314.
- Bentley, R. A., K. Cox, N. Tayles, C. Higham, C. Macpherson, G. Nowell, M. Cooper and T. E. F. Hayes
2009 Community Diversity at Ban Lum Khao, Thailand: Isotopic Evidence from the Skeletons. *Asian Perspectives* 48(1):79-97.
- Bérard, B., J.-Y. Billard and B. Ramstein
2011 Ioumoúlicou: "Koumoúlicou nhányem amonchéntium oubao". In *Proceedings of the XXIII Congress of the International Association for Caribbean Archaeology*, edited by S. A. Rebovich, pp. 577-589. Dockyard Museum, English Harbour, Antigua.
- Berman, M. J. and P. L. Gnivecki
1993 The Colonization of the Bahamas Archipelago, A View from the Three Dog Site, San Salvador Island. In *Proceedings of the XIV Congress of the International Association for Caribbean Archaeology*, edited by A. Cummins and P. King, pp. 170-186, Barbados.
- Berman, M. J. and P. L. Gnivecki
1995 The Colonization of the Bahama Archipelago: A Reappraisal. *World Archaeology* 26(3):421-441.
- Bern, C. R., A. R. Townsend and G. L. Farmer

- 2005 Unexpected dominance of parent-material strontium in a tropical forest on highly weathered soils. *Ecology* 86(626-632).
- Biscaye, P. E., R. Chesselet and J. M. Prospero
 1974 Rb/Sr, ⁸⁷Sr/⁸⁶Sr Isotope System as an Index of Provenance of Continental Dusts in the Open Atlantic Ocean. *Journal de Recherches Atmospheriques* 8:819-829.
- Booden, M. A., R. G. A. M. Panhuysen, M. L. P. Hoogland, H. N. de Jong, G. R. Davies and C. L. Hofman
 2008 Tracing Human Mobility with ⁸⁷Sr/⁸⁶Sr at Anse á la Gourde, Guadeloupe. In *Crossing the Borders: New Methods and Techniques in the Study of Archaeological Materials from the Caribbean*, edited by C. L. Hofman, M. L. P. Hoogland and A. L. van Gijn, pp. 214-225. University of Alabama Press, Tuscaloosa.
- Boomert, A.
 1986 The Cayo complex of St. Vincent: ethnohistorical and archaeological aspects of the Island Carib problem. *Antropologica* 66:3-68.
- Boomert, A.
 1987 Gifts of the Amazons: "green stone" pendants and beads as items of ceremonial exchange in Amazonia and the Caribbean. *Antropologica* 67:33-54.
- Boomert, A., M. C. Dorst, C. L. Hofman, M. L. P. Hoogland, D. C. Nieweg and A.-L. Vredenbregt
 1997 *Preliminary report on an archaeological excavation of the Manzanilla 1 site, Trinidad*. Leiden University.
- Boomert, A.
 2000 Trinidad, Tobago and the Lower Orinoco Interaction Sphere: An archaeological/ethnohistorical study. PhD Dissertation, Faculty of Archaeology, Leiden University, Leiden.
- Boomert, A. and A. J. Bright
 2007 Island Archaeology: In Search of a New Horizon. *Island Studies Journal* 2(1):3-26.
- Boomert, A.
 2011 Searching for Cayo in Dominica. In *Proceedings of the XXIII Congress of the International Association for Caribbean Archaeology* edited by S. A. Rebovich, pp. 655-677. Nelson's Dockyard Museum, Antigua.
- Borg, L. E. and J. L. Banner
 1996 Neodymium and strontium isotopic constraints on soil sources in Barbados, West Indies. *Geochimica et Cosmochimica Acta* 60(21):4193-4206.
- Bourgeois, P.
 2003 *In Search of Respect: Selling crack in El Barrio*. Cambridge University Press, Cambridge.
- Bowen, G. J. and B. Wilkinson
 2002 Spatial distribution of $\delta^{18}\text{O}$ in meteoric precipitation. *Geology* 30(4):315-318.
- Brettell, C. B. and J. F. Hollifield (editors)
 2000 *Migration Theory: Talking Across Disciplines*. Routledge, New York and London.

- Bright, A. J.
2003 Spatial dynamics and social development in the Northern Lesser Antilles – a pilot study based on settlement structure at the site of Anse à la Gourde, Guadeloupe. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Bright, A. J.
2011 *Blood Is Thicker Than Water: Amerindian intra- and inter-insular relationships and social organization in the pre-Colonial Windward Islands*. PhD Dissertation. Sidestone Press, Leiden.
- Brown, A. A. and E. Neuberger (editors)
1977 *Internal Migration: A Comparative Perspective*. Academic Press, London.
- Brudevold, F. and R. Söremark
1967 Chemistry of the Mineral Phase of Enamel. In *Structural and Chemical Organization of Teeth*, edited by A. E. W. Miles, pp. 247-277. vol. 2. Academic Press, New York.
- Budd, P., J. Montgomery, B. Barreiro and R. G. Thomas
2000 Differential diagenesis of strontium in archaeological human dental tissues. *Applied Geochemistry* 15:687-694.
- Budd, P., A. Millard, C. Chenery, S. Lucy and C. Roberts
2004 Investigating population movement by stable isotope analysis: a report from Britain. *Antiquity* 78:127-141.
- Budinoff, L. C.
1991 An Osteological Analysis of the Human Burials Recovered from Maisabel: An Early Ceramic Site on the North Coast of Puerto Rico. In *Proceedings of the XII Congress of the International Association for Caribbean Archaeology*, edited by L. Sickler Robinson, pp. 117-133. Association Internationale d'Archéologie de la Caraïbe, Cayenne, French Guiana.
- Buikstra, J. E.
1977 Biocultural Dimensions of Archaeological Study: A Regional Study. In *Biocultural Adaptation in Prehistoric America*, edited by R. L. Blakely, pp. 67-84. University of Georgia Press, Athens.
- Buikstra, J. E., T. D. Price, L. E. Wright and J. H. Burton
2004 Tombs from the Copan Necropolis: A Life-History Approach. In *Understanding Early Classic Copan*, edited by E. E. Bell, M. A. Canuto and R. J. Sharer, pp. 191-213. University of Pennsylvania Museum of Archaeology and Anthropology, Philadelphia.
- Buikstra, J. E. and L. A. Beck (editors)
2006 *Bioarchaeology: The Contextual Analysis of Human Remains*. Academic Press, Boston.
- Bullen, A. K. and R. P. Bullen
1970 The Lavoutte Site, St. Lucia: A Carib Ceremonial Center. In *Proceedings of the 3rd International Congress for the Study of Pre-Columbian Cultures of the Lesser Antilles*, pp. 61-86. Grenada National Museum, Grenada.
- Bullen, A. K., R. P. Bullen and E. M. Bradford
1973 The Giraudy Site, Beane Field, St. Lucia. In *Proceedings of the 4th International Congress for the Study of Pre-Columbian Cultures of the Lesser*

- Antilles* pp. 199-214. St. Lucia Archaeological and Historical Society, Castries, St. Lucia.
- Bunker, N.
2010 *Making Haste from Babylon: The Mayflower Pilgrims and Their World: A New History*. Knopf, New York.
- Burmeister, S.
2000 Archaeology and Migration: Approaches to an Archaeological Proof of Migration. *Current Anthropology* 41(4):539-567.
- Burton, J.
2008 Bone Chemistry and Trace Element Analysis. In *Biological Anthropology of the Human Skeleton*, edited by M. A. Katzenberg and S. R. Saunders. 2nd ed. John Wiley & Sons, Inc., New York.
- Burton, J. H. and L. E. Wright
1995 Nonlinearity in the Relationship Between Bone Sr/Ca and Diet: Paleodietary Implications. *American Journal of Physical Anthropology* 96:273-282.
- Burton, J. H. and T. D. Price
1999 Evaluation of Bone Strontium as a Measure of Seafood Consumption. *International Journal of Osteoarchaeology* 9:233-236.
- Burton, J. H., T. D. Price and W. D. Middleton
1999 Correlation of Bone Ba/Ca and Sr/Ca due to Biological Purification of Calcium. *Journal of Archaeological Science* 26:609-616.
- Burton, J. H. and T. D. Price
2000 The use and abuse of trace elements for paleodietary research. In *Biogeochemical Approaches to Paleodietary Analysis*, edited by S. H. Ambrose and M. A. Katzenberg, pp. 159-171. Kluwer Academic/Plenum Publishers, New York.
- Burton, J. H., T. D. Price, L. Cahue and L. E. Wright
2003 The Use of Barium and Strontium Abundances in Human Skeletal Tissues to Determine their Geographic Origins. *International Journal of Osteoarchaeology* 13:88-95.
- Buzon, M. R., A. Simonetti and R. A. Creaser
2007 Migration in the Nile Valley during the New Kingdom period: a preliminary strontium isotope study. *Journal of Archaeological Science* 34:1391-1401.
- Cadwallar, M.
1992 *Migration and Residential Mobility, Macro and Micro Approaches*. University of Wisconsin Press, Madison.
- Callaghan, R. T.
1993 Passage to the Greater Antilles: An Analysis of Watercraft and the Marine Environment. In *Proceedings of the 14th Congress of the International Association for Caribbean Archaeology*, edited by A. Cummins and P. King, pp. 64-72, Barbados.
- Callaghan, R. T.
1995 Antillean Cultural Contacts with Mainland Regions as a Navigation Problem. In *Proceedings of the XV Congress of the International Association for*

- Caribbean Archaeology*, edited by R. E. Alegría and M. Rodríguez, pp. 181-190. Asociación Internacional de Arqueología del Caribe Centro de Estudios Avanzados de Puerto Rico y el Caribe, San Juan, Puerto Rico.
- Callaghan, R. T.
1999 Computer Simulations of Ancient Voyaging. *The Northern Mariner/Le Marin du nord* IX(2):11-22.
- Callaghan, R. T.
2001 Ceramic Age Seafaring and Interaction Potential in the Antilles: A Computer Simulation. *Current Anthropology* 42:308-313.
- Callaghan, R. T.
2003 Comments on the Mainland Origins of the Preceramic Cultures of the Greater Antilles. *Latin American Antiquity* 14(3):323-338.
- Callaghan, R. T.
2010 Crossing the Guadeloupe Passage in the Archaic Age. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 127-147. University Press of Florida, Gainesville.
- Cameron, C. M.
1995 Migration and the Movement of Southwestern Peoples. *Journal of Anthropological Archaeology* 14:104-124.
- Camin, F., L. Bontempo, K. Heinrich, M. Horacek, S. D. Kelly, C. Schlicht, F. Thomas, F. J. Monahan, J. Hoogewerff and A. Rossmann
2007 Multi-element (H,C,N,S) stable isotope characteristics of lamb meat from different European regions. *Analytical and Bioanalytical Chemistry* 389(1):309-320.
- Capo, R. C., B. W. Stewart and O. A. Chadwick
1998 Strontium isotopes as tracers of ecosystem processes: theory and methods. *Geoderma* 82:197-225.
- Carlson, L. A.
1999 Aftermath of a feast: Human colonization of the southern Bahamian archipelago and its effects on the indigenous fauna. PhD Dissertation, Department of Anthropology, University of Florida, Gainesville.
- Carney, J. A.
2001 African Rice in the Columbian Exchange. *Journal of African History* 42(3):377-396.
- Carr, C.
1995 A Unified Middle-Range Theory of Artifact Design. In *Style, Society, and Person: Archaeological and Ethnological Perspectives*, edited by C. Carr and J. E. Neitzel, pp. 171-258. Plenum Press, New York.
- Chadwick, O. A., L. A. Derry, P. M. Vitousek, B. J. Huebert and L. O. Hedin
1999 Changing sources of nutrients during four million years of ecosystem development. *Nature* 397:491-497.
- Chagnon, N.
1977 *Yanomamo: The Fierce People*. 2nd ed. Holt, Rinehart and Winston, New York.
- Chanlatte Baik, L. A.

- 1981 *La Hueca y Sorcé (Vieques, Puerto Rico): Primeras migraciones agroalfareras antillanas*. Published by the author, Santo Domingo, Dominican Republic.
- Chanlatte Baik, L. A. and Y. M. Narganes Storde
1983 *Vieques-Puerto Rico: Asiento de una nueva cultura aborígen antillana*. Published by the authors, Santo Domingo, Dominican Republic.
- Chanlatte Baik, L. A. and Y. M. Narganes Storde
1986 *Proceso de desarrollo de los primeros pobladores de Puerto Rico y las Antillas*. Published by the authors, Santo Domingo, Dominican Republic.
- Chapman, J. and P. M. Dolukhanov
1992 The Baby and the Bathwater: Pulling the Plug on Migrations. *American Anthropologist* 94(1):169-174.
- Chapman, J. and H. Hamerow (editors)
1997 *Migrations and Invasions in Archaeological Explanation*. Archaeopress, Oxford.
- Chenery, C., G. Müldner, J. Evans, H. Eckardt and M. Lewis
2010 Strontium and stable isotope evidence for diet and mobility in Roman Gloucester, UK. *Journal of Archaeological Science* 37:150-163.
- Chenery, C. A., V. Pashley, A. L. Lamb, H. J. Sloane and J. A. Evans
2012 The oxygen isotope relationship between the phosphate and structural carbonate fractions of human bioapatite. *Rapid Communications in Mass Spectrometry* 26:309-319.
- Chiaradia, M., A. Gallay and W. Todt
2003 Different contamination styles of prehistoric human teeth at a Swiss necropolis (Sion, Valais) inferred from lead and strontium isotopes. *Applied Geochemistry* 18:353-370.
- Childe, V. G.
1950 *Prehistoric Migrations In Europe*. Serie A: Forelesninger 20. Institut for Sammenlignende Kulturforskning, Oslo.
- Clark, B. J. and L. A. Wilkie
2006 The prism of self: gender and personhood. In *Handbook of Gender in Archaeology*, edited by S. M. Nelson, pp. 333-364. AltaMira Press, Lanham, Maryland.
- Clark, G. A.
1994 Migration as an Explanatory Concept in Paleolithic Archaeology. *Journal of Archaeological Method and Theory* 1(4):305-343.
- Clark, J. J.
2001 *Tracking Prehistoric Migrations: Pueblo Settlers among the Tonto Basin Hohokam*. University of Arizona Press, Tucson.
- Clark, W. A. V.
1986 *Human Migration*. Scientific Geography Series 7. Sage Publications, Beverly Hills.
- Conlee, C. A., M. R. Buzon, A. Noriega Gutierrez, A. Simonetti and R. A. Creaser
2009 Identifying foreigners versus locals in a burial population from Nasca, Peru: an investigation using strontium isotope analysis. *Journal of Archaeological Science* 36:2755-2764.

- Cooper, J., M. Martín-Torres and R. Valcárcel Rojas
 2008 American Gold and European Brass: Metal Objects and Indigenous Values in the Cemetery of El Chorro de Maíta, Cuba. In *Crossing the Borders: New Methods and Techniques in the Study of Archaeological Materials from the Caribbean*, edited by C. L. Hofman, M. L. P. Hoogland and A. L. van Gijn, pp. 34-42. University of Alabama Press, Tuscaloosa.
- Copeland, S. R., M. Sponheimer, P. J. le Roux, V. Grimes, J. A. Lee-Thorp, D. J. de Ruiter and M. P. Richards
 2008 Strontium isotope ratios ($^{87}\text{Sr}/^{86}\text{Sr}$) of tooth enamel: a comparison of solution and laser ablation multicollector inductively coupled plasma mass spectrometry methods. *Rapid Communications in Mass Spectrometry* 22:3187-3194.
- Copeland, S. R., M. Sponheimer, J. A. Lee-Thorp, P. J. le Roux, D. J. de Ruiter and M. P. Richards
 2010 Strontium isotope ratios in fossil teeth from South Africa: assessing laser ablation MC-ICP-MS analysis and the extent of diagenesis. *Journal of Archaeological Science* 37:1437-1446.
- Copeland, S. R., M. Sponheimer, D. J. de Ruiter, J. A. Lee-Thorp, D. Codron, P. J. le Roux, V. Grimes and M. P. Richards
 2011 Strontium isotope evidence for landscape use by early hominins. *Nature* 474:76-79.
- Coppa, A., A. Cucina, B. Chiarelli, F. Luna Calderon and D. Mancinelli
 1995 Dental Anthropology and Paleodemography of the Precolumbian Populations of Hispaniola from the Third Millenium B.C. to the Spanish Conquest. *Human Evolution* 10(2):153-167.
- Coppa, A., A. Cucina, M. Lucci, A. Pelligrini and R. Vargiu
 2002 The populations in the circum-Caribbean area from the 4th millenium BC to the conquest: the biological relationships according to possible migratory patterns. *American Journal of Physical Anthropology Supplement* 34:57.
- Coppa, A., A. Cucina, M. L. P. Hoogland, M. Lucci, F. Luna Calderón, R. G. A. M. Panhuysen, G. Tavarez María, R. Valcárcel Rojas and R. Vargiu
 2008 New Evidence of Two Different Migratory Waves in the Circum-Caribbean Area during the Pre-Columbian Period from the Analysis of Dental Morphological Traits. In *Crossing the Borders: New Methods and Techniques in the Study of Archaeological Materials from the Caribbean*, edited by C. L. Hofman, M. L. P. Hoogland and A. L. van Gijn, pp. 195-213. University of Alabama Press, Tuscaloosa.
- Cox, G. and J. Sealy
 1997 Investigating Identity and Life Histories: Isotopic Analysis and Historical Documentation of Slave Skeletons Found on the Cape Town Foreshore, South Africa. *International Journal of Historical Archaeology* 1(3):207-224.
- Crock, J. G.
 2000 Interisland Interaction and the Development of Chiefdoms in the Eastern Caribbean. PhD Dissertation, Department of Anthropology, University of Pittsburgh, Pittsburgh.
- Crock, J. G. and J. B. Peterson

- 2004 Inter-island exchange, settlement hierarchy, and a Taino-related chiefdom on the Anguilla Bank, Northern Lesser Antilles. In *Late Ceramic Age Societies in the Eastern Caribbean*, edited by A. Delpuech and C. L. Hofman, pp. 139-157. Paris Monographs in American Archaeology No.14. BAR International Series No.1273. Archaeopress, Oxford.
- Crosby, A. W.
2003 *The Columbian Exchange: Biological and Cultural Consequences of 1492*. Praeger Publishers, Westport, CT.
- Cucina, A., H. Neff and V. Tiesler Blos
2005 Detecting Provenience of African-Origin Individuals in the Colonial Cemetery of Campeche, Yucatán: A New Approach Using Trace Elements and LA-ICP-MS. In *Laser Ablation ICP-MS in Archaeological Research*, edited by R. J. Speakman and H. Neff, pp. 187-197. University of New Mexico Press, Albuquerque.
- Curet, L. A.
1992 The development of chiefdoms in the Greater Antilles: A regional study of the Valley of Maunabo, Puerto Rico. PhD Dissertation, Department of Anthropology, Arizona State University, Tempe.
- Curet, L. A. and J. R. Oliver
1998 Mortuary Practices, Social Development, and Ideology in Precolumbian Puerto Rico. *Latin American Antiquity* 9(3):217-239.
- Curet, L. A.
2002 The Chief Is Dead, Long Live... Who? Descent and Succession in the Protohistoric Chiefdoms of the Greater Antilles. *Ethnohistory* 49(2):259-280.
- Curet, L. A.
2003 Issues on the Diversity and Emergence of Middle-Range Societies of the Ancient Caribbean: A Critique. *Journal of Archaeological Research* 11(1):1-42.
- Curet, L. A.
2004 Island Archaeology and Units of Analysis in the Study of Ancient Caribbean Societies. In *Voyages of Discovery*, edited by S. M. Fitzpatrick. Praeger, West Port, Connecticut.
- Curet, L. A.
2005 *Caribbean Paleodemography: Population, Culture History, and Sociopolitical Processes in Ancient Puerto Rico*. University of Alabama Press, Tuscaloosa.
- Curet, L. A.
2006 Missing the Point and an Illuminating Example: A Response to Keegan's Comments *Ethnohistory* 53(2):393-398.
- Curet, L. A.
2011 Irving Rouse's Contribution to American Archaeology: The Case of Migration. In *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*, edited by L. A. Curet and M. W. Hauser, pp. 13-21. University of Alabama Press, Tuscaloosa.
- Curet, L. A. and M. W. Hauser (editors)
2011 *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*. University of Alabama Press, Tuscaloosa.

- Curtis, J. H., M. Brenner and D. A. Hodell
 2001 Climate Change in the Circum-Caribbean (Late Pleistocene to Present) and Implications for Regional Biogeography. In *Biogeography of the West Indies: Patterns and Perspectives*, edited by C. A. Woods and F. E. Sergile, pp. 35-54. 2nd ed. CRC Press, Boca Raton.
- Cusick, J. G. (editor)
 1998 *Studies in Culture Contact: Interaction, Culture Change, and Archaeology*. Southern Illinois University, Center for Archaeological Investigations, Carbondale.
- Dansgaard, W.
 1964 Stable isotopes in precipitation. *Tellus* 16(4):436-468.
- Daux, V., C. Lécuyer, M.-A. Héran, R. Amiot, L. Simon, F. Fourel, F. Martineau, N. Lynnerup, H. Reyhler and G. Escarguel
 2008 Oxygen isotope fractionation between human phosphate and water revisited. *Journal of Human Evolution* 55:1138-1147.
- Davidson, J. P.
 1983 Lesser Antilles isotopic evidence of the role of subducted sediment in island arc magma genesis. *Nature* 306:253-256.
- Davidson, J. P.
 1987 Crustal contamination versus subduction zone enrichment: Examples from the Lesser Antilles and implications for mantle source compositions of island arc volcanic rocks. *Geochimica et Cosmochimica Acta* 51:2185-2198.
- Dawkins, R.
 1976 *The Selfish Gene*. Oxford University Press, Oxford.
- de Booy, T.
 1915 Pottery from Certain Caves in Eastern Santo Domingo, West Indies. *American Anthropologist* 17(1):69-97.
- de Guzman, M. J. and J. Mackay
 2011 *The SVG Public Archaeology Program 2011 Excavations at Argyle 2 (JtCe-2)*.
- de Hostos, A.
 1923 Anthropomorphic Carvings from the Greater Antilles. *American Anthropologist* 25(4):525-558.
- de Hostos, A.
 1924 Notes on West Indian Hydrography in Its Relation to Prehistoric Migrations Proceedings of the 21st International Congress of Americanists:239-250. Rio de Janeiro.
- de Ruiter, S.
 2012 Mapping History: An analysis of site locations in the north-western Dominican Republic. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- de Vos, B. R.
 2010 United in Diet: Diet Reconstruction using Stable Carbon and Nitrogen Isotope Analysis on Human Bone Collagen from Anse à la Gourde, Guadeloupe. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- de Waal, M. S.

- 2006 Pre-Columbian social organisation and interaction interpreted through the study of settlement patterns. An archaeological case-study of the Pointe des Châteaux, La Désirade and Les Îles de la Petite Terre micro-region, Guadeloupe, F.W.I. . PhD Dissertation, Faculty of Archaeology, Leiden University, Leiden.
- deFrance, S. D., W. F. Keegan and L. A. Newsom
 1996 The archaeobotanical, bone isotope, and zooarchaeological records from Caribbean sites in contemporary perspective. In *Case Studies in Environmental Archaeology*, edited by E. J. Reitz, L. A. Newsom and S. J. Scudder, pp. 289-304. Interdisciplinary Contributions to Archaeology. Springer, New York.
- Degryse, P., A. Shortland, D. De Muynck, L. Van Heghe, R. Scott, B. Neyt and F. Vanhaecke
 2010 Considerations on the provenance determination of plant ash glasses using strontium isotopes. *Journal of Archaeological Science* 37:3129-3135.
- Delpuech, A., C. L. Hofman and M. L. P. Hoogland
 2001 Excavations at the site of Anse à la Gourde, Guadeloupe: Organization, history and environmental setting. In *Proceedings of the XVIII Congress of the International Association for Caribbean Archaeology*, pp. 156-161. Mission Archéologique, Grenada.
- Demarest, A. A.
 1988 Political Evolution in the Maya borderlands: the Salvadoran frontier. In *The Southeast Classic Maya Zone*, edited by E. H. Boone and G. R. Willey, pp. 355-381. Dumbarton Oaks, Washington, D.C.
- DeNiro, M. J. and S. Epstein
 1978 Influence of diet on the distribution of carbon isotopes in animals. *Geochimica et Cosmochimica Acta* 42(5):495-506.
- DeNiro, M. J.
 1985 Postmortem preservation and alteration of *in vivo* bone collagen isotope ratios in relation to palaeodietary reconstruction. *Nature* 317(6040):806-809.
- Dijkstra, F. A., N. van Breemen, A. G. Jongmans, G. R. Davies and G. E. Likens
 2003 Calcium weathering in forested soils and the effect of different tree species. *Biogeochemistry* 62:253-275.
- Dorst, M. C., D. C. Nieweg and S. Baetsen
 2003 *Manzanilla 2 (SAN I). An Excavation of an Amerindian Habitation Area September 2001*. National Archaeological Committee of Trinidad and Tobago.
- Dorst, M. C., D. C. Nieweg and E. Altena
 2004 *Manzanilla I (SAN I): An Excavation of an Amerindian Habitation Area June 2003 Fieldwork Report*. National Archaeological Committee of Trinidad and Tobago. Submitted to Fieldwork Report.
- Dorst, M. C. and E. Altena
 2005 *Manzanilla I (SAN I) Research of an Amerindian Habitation Area October 2004*. National Archaeological Committee of Trinidad and Tobago.
- Dorst, M. C.
 2006 *Preliminary Research Report: Excavation of the Amerindian SAN I site at Manzanilla, Trinidad February 2006*. National Archaeological Committee of Trinidad and Tobago. Submitted to preliminary excavation report.
- Dorst, M. C.

- 2007 The SAN-1 Site at Manzanilla, Trinidad: Creating a Site-Scale Pottery Classification at a Multi-Component Ceramic Age Site in Trinidad. In *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology*, edited by B. Reid, H. Petitjean Roget and A. Curet, pp. 328-337. University of the West Indies, St. Augustine, Trinidad.
- Dorst, M. C.
2008 *Preliminary Research Report: The pre-Columbian SAN-1 Site, Manzanilla, Trinidad October 2007*. National Archaeological Committee of Trinidad and Tobago.
- Drewett, P. L.
1991 Landscape Change and the Prehistoric Settlement of Barbados. In *Proceedings of the XIII Congress of the International Association for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Haviser, pp. 221-231. Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles No. 9, Curaçao.
- Drewett, P. L.
1995 Heywoods: reconstructing a preceramic and later landscape on Barbados. In *Proceedings of the XV Congress of the International Association for Caribbean Archaeology*, edited by R. E. Alegría and M. Rodríguez, pp. 273-282. Centro de Estudios Avanzados de Puerto Rico y el Caribe, San Juan, Puerto Rico.
- Drewett, P. L. and B. Bates
2000 *Prehistoric settlements in the Caribbean: fieldwork in Barbados, Tortola and the Cayman Islands*. Barbados Museum and Historical Society, London.
- Duff, A. I.
1998 The Process of Migration in the Late Prehistoric Southwest. In *Migration and Reorganization: the Pueblo IV Period in the American Southwest*, edited by K. A. Spielman, pp. 31-52. vol. 51. Arizona State University, Tempe.
- Dupras, T. L. and H. P. Schwarcz
2001 Strangers in a Strange Land: Stable Isotope Evidence for Human Migration in the Dakhleh Oasis, Egypt. *Journal of Archaeological Science* 28:1199-1208.
- Eckardt, H., C. Chenery, P. Booth, J. A. Evans, A. Lamb and G. Müldner
2009 Oxygen and strontium isotope evidence for mobility in Roman Winchester. *Journal of Archaeological Science* 36:2816-2825.
- Ehleringer, J. R., A. H. Thompson, D. Podlesak, G. J. Bowen, L. A. Chessonlesley, T. E. Cerling, T. Park, P. Dostie and H. Schwarcz
2010 A Framework for the Incorporation of Isotopes and Isoscapes in Geospatial Forensic Investigations. In *Isoscapes: Understanding movement, pattern, and process on Earth through isotope mapping*, edited by J. B. West, G. J. Bowen, T. E. Dawson and K. P. Tu, pp. 357-388. Springer.
- Elias, M.
1980 The feasibility of dental strontium analysis for diet-assessment of human populations. *American Journal of Physical Anthropology* 53(1):1-4.
- English, N. B., J. L. Betancourt, J. S. Dean and J. Quade

- 2001 Strontium isotopes reveal distant sources of architectural timber in Chaco Canyon, New Mexico. *Proceedings of the National Academy of Sciences of the United States of America* 98(21):11891-11896.
- Ericson, J. E.
1985 Strontium isotope characterization in the study of prehistoric human ecology. *Journal of Human Evolution* 14:503-514.
- Evans, J., N. Stoodley and C. Chenery
2006a A strontium and oxygen isotope assessment of a possible fourth century immigrant population in a Hampshire cemetery, southern England. *Journal of Archaeological Science* 33:265-272.
- Evans, J. A. and S. Tatham
2004 Defining 'local signature' in terms of Sr isotope composition using a tenth- to twelfth-century Anglo-Saxon population living on a Jurassic clay-carbonate terrain, Rutland, UK. In *Forensic Geoscience: Principles, Techniques and Applications.*, edited by K. Pye and D. J. Croft, pp. 237-248. Geological Society, London, Special Publications 232, London.
- Evans, J. A., C. A. Chenery and A. P. Fitzpatrick
2006b Bronze Age Childhood Migration of Individuals near Stonehenge, Revealed by Strontium and Oxygen Isotope Tooth Enamel Analysis. *Archaeometry* 48:309-321.
- Evans, J. A., J. Montgomery and G. Wildman
2009 Isotope domain mapping of $^{87}\text{Sr}/^{86}\text{Sr}$ biosphere variation on the Isle of Skye, Scotland. *Journal of the Geological Society* 166(4):617-631.
- Evans, J. A., J. Montgomery, G. Wildman and N. Boulton
2010 Spatial variations in biosphere $^{87}\text{Sr}/^{86}\text{Sr}$ in Britain. *Journal of Geological Society* 167:1-4.
- Evans, J. A., C. A. Chenery and J. Montgomery
2012 A summary of strontium and oxygen isotope variation in archaeological human tooth enamel excavated from Britain. *Journal of Analytical Atomic Spectrometry* 27:754-764.
- Ezzo, J. A., C. M. Johnson and T. D. Price
1997 Analytical Perspectives on Prehistoric Migration: A Case Study From East-Central Arizona. *Journal of Archaeological Science* 24:447-466.
- Ezzo, J. A. and T. D. Price
2002 Migration, Regional Reorganization, and Spatial Group Composition at Grasshopper Pueblo, Arizona. *Journal of Archaeological Science* 29:499-520.
- Fabrizii-Reuer, S. and E. Reuer
2005 *Die Gräber aus den „shell-middens“ der präkolumbianischen Siedlung von Pointe de Caille, St. Lucia, West Indies.* Verlag der Österreichischen Akademie der Wissenschaften, Wien.
- Farnum, J. F. and M. K. Sandford
2002 Trace element analyses of skeletal remains and associated soils from the Tutu site. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 250-262. Routledge, London.
- Farr, S.

- 1996 *Bloody Point Archaeological Project: Report of Fieldwork*. Museum of Anthropology, University of Michigan. Excavation Report: Bloody Point, St. Kitts.
- Faure, G. and T. Mensing
2005 *Isotopes: Principles and Applications*. 3rd ed. John Wiley & Sons, Inc., Hoboken, New Jersey.
- Fitzpatrick, S. M.
2006 A Critical Approach to ^{14}C Dating in the Caribbean: Using Chronometric Hygiene to Evaluate Chronological Control and Prehistoric Settlement. *Latin American Antiquity* 17(4):389-418.
- Fitzpatrick, S. M. and A. Anderson
2008a Island Worlds Apart: Interaction and Remoteness on Seas and Oceans. *Journal of Island and Coastal Archaeology* 3:1-3.
- Fitzpatrick, S. M. and A. Anderson
2008b Islands of Isolation: Archaeology and the Power of Aquatic Perimeters. *Journal of Island and Coastal Archaeology* 3:4-16.
- Fitzpatrick, S. M., M. Kappers and C. M. Giovas
2010 The Southward Route Hypothesis: Examining Carriacou's Chronological Position in Antillean History. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 163-176. University Press of Florida, Gainesville.
- Font, L., G. van der Peijl, I. van Wetten, P. Vroon, B. van der Wagt and G. Davies
2012 Strontium and lead isotope ratios in human hair: investigating a potential tool for determining recent human geographical movements. *Journal of Analytical Atomic Spectrometry* 27:719-732.
- Fowler, C.
2004 *The Archaeology of Personhood: An Anthropological Approach*. Routledge, London.
- Frei, K. M., R. Frei, U. Mannering, M. Gleba, M. L. Nosch and H. Lyngstrøm
2009 Provenance of Ancient Textiles - A Pilot Study Evaluating the Strontium Isotope System in Wool. *Archaeometry* 51(2):252-276.
- Frei, K. M. and R. Frei
2011 The geographic distribution of strontium isotopes in Danish surface waters – A base for provenance studies in archaeology, hydrology and agriculture. *Applied Geochemistry* 26:326-340.
- Fry, B.
2006 *Stable Isotope Ecology*. Springer, New York.
- Galimov, E. M., V. S. Sevastyanov, E. V. Kulbachevskaya and A. A. Golyavin
2005 Isotope ratio mass spectrometry: $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ analysis for tracing the origin of illicit drugs. *Rapid Communications in Mass Spectrometry* 19(10):1213-1216.
- Gallet, S., B.-m. Jahn, B. V. V. Lanoë, A. Dia and E. Rossello
1998 Loess geochemistry and its implications for particle origin and composition of the upper continental crust. *Earth and Planetary Science Letters* 156:157-172.

- Gamble, C.
1986 *The Paleolithic Settlement of Europe*. Cambridge University Press, Cambridge.
- Gamble, C.
1994 *Timewalkers: The Prehistory of Global Colonization*. Harvard University Press, Cambridge, Massachusetts.
- García-Casco, A., A. Rodríguez Vega, J. Cárdenas Párraga, M. A. Iturralde-Vinent, C. Lázaro, I. Blanco Quintero, Y. Rojas Agramonte, A. Kröner, K. Nunez Cambra, G. Millán, R. L. Torres-Roldán and S. Carrasquilla
2009 A new jadeitite jade locality (Sierra del Convento, Cuba): first report and some petrological and archeological implications. *Contributions to Mineralogy and Petrology* 158:1-16.
- Gat, J. R.
1996 Oxygen and hydrogen isotopes in the hydrologic cycle. *Annual Review of Earth and Planetary Sciences* 24:225-262.
- Giblin, J. I.
2009 Strontium isotope analysis of Neolithic and Copper Age populations on the Great Hungarian Plain. *Journal of Archaeological Science* 36:491-497.
- Gilchrist, R.
2000 Archaeological Biographies: Realizing Human Lifecycles, -Courses and -Histories. *World Archaeology* 31(3):325-328.
- Giovas, C. M., M. J. LeFebvre and S. M. Fitzpatrick
2011 New records for prehistoric introduction of Neotropical mammals to the West Indies: evidence from Carriacou, Lesser Antilles. *Journal of Biogeography* 39(3):476-487.
- Gmelch, G.
1980 Return Migration. *Annual Review of Anthropology* 9:135-159.
- Goodman, A., J. Jones, J. Reid, M. Mack, M. L. Blakey, D. Amarasiriwardena, P. Burton and D. Coleman
2004 Isotopic and Elemental Chemistry of Teeth: Implications for Places of Birth, Forced Migration Patterns, Nutritional Status, and Pollution. In *The New York African Burial Ground Skeletal Biology Final Report*, edited by M. L. Blakey and M. Rankin-Hill, pp. 216-265. vol. 1. Howard University, Washington, DC.
- Goodwin, R. C.
1979 The Prehistoric Cultural Ecology of St. Kitts, West Indies: A Case Study in Island Archaeology. PhD Dissertation, Department of Anthropology, Arizona State University, Tempe.
- Goodwin, R. C.
1980 Demographic Change and the Crab-Shell Dichotomy. In *Proceedings of the VIII International Congress for the Study of the Pre-Columbian Cultures of the Lesser Antilles*, edited by S. M. Lewenstein, pp. 45-68. vol. Anthropological Research Papers No.22. Arizona State University Tempe.
- Goudie, A. S. and N. J. Middleton
2001 Saharan dust storms: nature and consequences. *Earth Science Reviews* 56:179-204.

- Gould, S. J.
1971 The paleontology and evolution of Cerion II: age and fauna of Indian shell middens on Curaçao and Aruba. *Breviora* 372:1-26.
- Gowland, R. and C. Knüsel (editors)
2006 *Social Archaeology of Funeral Remains*. Oxbow Books, Oxford.
- Graustein, W. C. and R. L. Armstrong
1983 The use of Strontium-87/Strontium-86 Ratios to Measure Atmospheric Transport into Forested Watersheds. *Science* 219(4582):289-292.
- Graustein, W. C.
1989 $^{87}\text{Sr}/^{86}\text{Sr}$ ratios measure the sources and flow of strontium in terrestrial ecosystems. In *Stable isotopes in ecological research*, edited by P. W. Rundel, J. R. Ehleringer and K. A. Nagy, pp. 491-512. Springer-Verlag, New York.
- Graves, M. W. and D. J. Addison
1995 The Polynesian Settlement of the Hawaiian Archipelago: Integrating Models and Methods in Archaeological Interpretation. *World Archaeology* 26(3):380-399.
- Greenwood, M. J., P. R. Mueser, D. A. Plane and A. M. Schlottman
1991 New directions in migration research. *Annals of Regional Science* 25:237-270.
- Gregoricka, L. A.
2011 Mobility, Exchange, and Tomb Membership in Bronze Age Arabia: A Biogeochemical Investigation. PhD Dissertation, Department of Anthropology, The Ohio State University, Columbus.
- Grouard, S.
2001 Subsistance, Systèmes Techniques et Gestion Territoriale en Milieu Insulaire Antillais Précolombien. Exploitation des Vertébrés et des Crustacés aux époques Saladoïdes et Troumassoïdes de Guadeloupe (400 av. J.-C. à 1 500 ap. J.-C.). Volumes II-Annexes. PhD Dissertation, U.F.R. Sciences Sociales et Administration, University Paris, Paris.
- Grupe, G., T. D. Price, P. Schröter, F. Söllner, C. M. Johnson and B. L. Beard
1997 Mobility of Bell Beaker People Revealed by Strontium Isotope Ratios of Tooth and Bone: A Study of Southern Bavarian Skeletal Remains. *Applied Geochemistry* 12:517-525.
- Guarch Delmonte, J. M.
1990 *Estructura para las comunidades aborígenes de Cuba*. Editorial Holguín, Holguín.
- Guarch Delmonte, J. M.
1996 La Muerte en las Antillas: Cuba. *El Caribe Arqueológico* 1:12-25.
- Haak, W., G. Brandt, H. N. de Jong, C. Meyer, R. Ganslmeier, V. Heyd, C.
Hawkesworth, A. W. G. Pike, H. Meller and K. W. Alt
2008 Ancient DNA, Strontium isotopes, and osteological analyses shed light on social and kinship organization of the Later Stone Age. *Proceedings of the National Academy of Sciences of the United States of America* 105(47):18226-18231.
- Hakenbeck, S.

- 2008 Migration in Archaeology: are we nearly there yet? In *Movement, Mobility and Migration*, edited by E. Lightfoot, pp. 9-26. vol. 23.2. Archaeological Review from Cambridge, Cambridge.
- Härke, H., S. Altekamp, D. W. Anthony, B. Arnold, S. Burmeister, M. Díaz-Andreu, P. M. Dolukhanov, L. Klejn, P. L. Kohl, C. La Rocca, S. Marchand, M.-N. M. Isabel, I. Podgorny, W. Pohl, N. Rao, K. M. Schoenberg and U. Veit
1998 Archaeologists and Migrations: A Problem of Attitude? *Current Anthropology* 39(1):19-45.
- Härke, H.
2004 The debate on migration and identity in Europe. *Antiquity* 78:453-456.
- Harlow, G. E., A. R. Murphy, D. J. Hozjan, C. N. de Mille and A. A. Levinson
2006 Pre-Columbian Jadeite Axes from Antigua, West Indies: Description and Possible Sources. *Canadian Mineralogist* 44:305-321.
- Harris, D. R.
1976 Traditional systems of plant food production and the origins of agriculture in West Africa. In *Origins of African plant domestication*, edited by J. R. Harlan, J. M. J. de Wet and A. B. L. Stemler, pp. 311-356. Mouton, The Hague.
- Harris, M. H.
2003 Continuing Pottery Analysis of Heywoods/Port St. Charles, Barbados: A Progress Report. In *Proceedings of the XIX Congress of the International Association for Caribbean Archaeology*, edited by L. Alofs and R. A. C. F. Dijkhoff, pp. 194-203. Publication of the Museo de Arqueologico Aruba Vol. 9, Aruba.
- Haurly, E. W.
1958 Evidence at Point of Pines for a Prehistoric Migration from Northern Arizona. In *Migrations in New World Culture History*, edited by R. H. Thompson, pp. 1-6. Social Science Bulletin. University of Arizona Bulletin. vol. 29(2). University of Arizona Press, Tucson.
- Haverkort, C. M., A. Weber, M. A. Katzenberg, O. I. Goriunova, A. Simonetti and R. A. Creaser
2008 Hunter-gatherer mobility strategies and resource use based on strontium isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) analysis: a case study from Middle Holocene Lake Baikal, Siberia. *Journal of Archaeological Science* 35:1265-1280.
- Haviser, J. B.
1997 Settlement Strategies in the Early Ceramic Age. In *The Indigenous People of the Caribbean*, edited by S. M. Wilson, pp. 57-69. University Press of Florida, Gainesville.
- Heckenberger, M. J.
2005 *The Ecology of Power: Culture, Place, and Personhood in the Southern Amazon, A.D. 1000-2000*. Routledge, New York.
- Hedges, R. E. M.
2002 Bone Diagenesis: An Overview of Processes. *Archaeometry* 44(3):319-328.
- Heier, A., J. A. Evans and J. Montgomery

- 2009 The potential of carbonized grain to preserve biogenic $^{87}\text{Sr}/^{86}\text{Sr}$ signatures within the burial environment. *Archaeometry* 51(2):277-291.
- Helms, M.
1988 *Ulysses' Sail: An Ethnographic Odyssey of Power, Knowledge, and Geographical Distance*. Princeton University Press, Princeton.
- Helms, M. W.
1979 *Ancient Panama: Chiefs in Search of Power*. University of Texas Press, Austin.
- Henderson, J., J. A. Evans, H. J. Sloane, M. J. Leng and C. Doherty
2005 The use of oxygen, strontium and lead isotopes to provenance ancient glasses in the Middle East. *Journal of Archaeological Science* 32:665-673.
- Hess, J., M. L. Bender and J.-G. Schilling
1986 Evolution of the Ratio of Strontium-87 to Strontium-86 in Seawater from Cretaceous to Present. *Science* 231(4741):979-984.
- Hillson, S.
1996 *Dental Anthropology*. Cambridge University Press, Cambridge.
- Hillson, S.
2005 *Teeth*. 2nd ed. Cambridge Manuals in Archaeology. Cambridge University Press, Cambridge.
- Hinds, R., M. Bennell and M. H. Harris
1999 Excavations at Heywoods. In *Proceedings of the XVII Congress of the International Association for Caribbean Archaeology*, edited by J. H. Winter, pp. 122-135. Molloy College, Bahamas.
- Hobson, K. A. and L. I. Wassenaar (editors)
2008 *Tracking Animal Migration with Stable Isotopes*. Academic Press, London.
- Hobson, K. A., R. Barnett-Johnson and T. Cerling
2010 Using Isoscapes to Track Animal Migration. In *Isoscapes: Understanding movement, pattern, and process on Earth through isotope mapping*, edited by J. B. West, G. J. Bowen, T. E. Dawson and K. P. Tu, pp. 273-298. Springer, New York.
- Hodder, I.
2000 Agency and individuals in long-term processes. In *Agency and Archaeology*, edited by M.-A. Dobres and J. E. Robb, pp. 21-33. Routledge, London and New York.
- Hodell, D. A., J. H. Curtis, G. A. Jones, A. Higuera-Gundy, M. Brenner, M. W. Binford and K. T. Dorsey
1991 Reconstruction of Caribbean climate change over the past 10,500 Years. *Nature* 352(6338):790-793.
- Hodell, D. A., R. L. Quinn, M. Brenner and G. Kamenov
2004 Spatial Variation of strontium isotopes ($^{87}\text{Sr}/^{86}\text{Sr}$) in the Maya region: a tool for tracking ancient human migration. *Journal of Archaeological Science* 31:585-601.
- Hofman, C. and M. Hoogland

- 1992 Classification of Six-Post Saladoid Assemblages from Saba, N.A. (850-1450 A.D.). Paper presented at the 57th Annual Meeting of the Society for American Archaeology, Pittsburgh, Pennsylvania.
- Hofman, C. L., M. L. P. Hoogland and H. M. van der Klift
1987 *An archaeological investigation of Spring Bay, Saba.*
- Hofman, C. L. and M. L. P. Hoogland
1991 The Later Prehistory of Saba, Netherlands Antilles, The Settlement Site of Kelbey's Ridg (1300-1450 A.D.). In *Proceedings of the XIII Congress of the International Association for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Havisser, pp. 477-492. Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles, No. 9, Curaçao.
- Hofman, C. L., M. L. P. Hoogland and A. Delpuech
1999 New perspectives on a Huecan Saladoid assemblage on Guadeloupe: The case of Morel I. In *Archaeological Investigations on St. Martin (Lesser Antilles). The sites of Norman Estate, Anse des Pères and Hope Estate. With a contribution to the "La Hueca problem"*, edited by C. L. Hofman and M. L. P. Hoogland. Archaeological Studies Leiden University 4, Leiden.
- Hofman, C. L., A. Delpuech and M. L. P. Hoogland
2001a Excavations at the Site of Anse à la Gourde, Guadeloupe: Stratigraphy, ceramic chronology and structures. In *Proceedings of the XVIII International Congress for Caribbean Archaeology*, pp. 162-172. Mission Archéologique, Grenada.
- Hofman, C. L., M. L. P. Hoogland and A. Delpuech
2001b Spatial Organization at a Troumassoid Settlement, The Case of Anse à la Gourde, Guadeloupe. In *Proceedings of the XIX Congress of the International Association of Caribbean Archaeology*, edited by L. Alofs and R. Dijkhoff, pp. 124-131. Publication of the Archaeological Museum Aruba 9, Aruba.
- Hofman, C. L. and M. L. P. Hoogland
2003 Plum Piece: Evidence for Archaic Seasonal Occupation on Saba, Northern Lesser Antilles around 3300 BP. *Journal of Caribbean Archaeology* 4:12-27.
- Hofman, C. L., M. L. P. Hoogland and W. F. Keegan
2004 *Archaeological Reconnaissance at St. Lucia, West Indies 4-18-2004 to 5-12-2004: Annual Report.*
- Hofman, C. L., A. J. Bright and M. L. P. Hoogland
2006a Archipelagic Resource Procurement and Mobility in the Northern Lesser Antilles: The View from a 3000-year-old Tropical Forest Campsite on Saba. *Journal of Island and Coastal Archaeology* 1(2):145-164.
- Hofman, C. L., M. L. P. Hoogland, J. R. Oliver and A. V. M. Samson
2006b Investigaciones arqueológicas en El Cabo, oriente de la República Dominicana: Resultados preliminares de la campana de 2005. *El Caribe Arqueológico* 9:95-106.
- Hofman, C. L., A. J. Bright, A. Boomert and S. Knippenberg
2007a Island Rhythms: The Web of Social Relationships and Interaction Networks in the Lesser Antillean Archipelago between 400 B.C. and A.D. 1492 *Latin American Antiquity* 18(3):243-268.

- Hofman, C. L., J. Ulloa Hung and L. F. H. C. Jacobs
2007b Juntando las Piezas del Rompecabezas. Dándole sentido a la Cronología Cerámica del Este de la República Dominicana. *El Caribe Arqueológico* 10.
- Hofman, C. L., A. J. Bright, M. L. P. Hoogland and W. F. Keegan
2008a Attractive Ideas, Desirable Goods: Examining the Late Ceramic Age Relationships between Greater and Lesser Antillean Societies. *Journal of Island and Coastal Archaeology* 3(1):17-34.
- Hofman, C. L., M. L. P. Hoogland, A. V. M. Samson and J. Oliver
2008b Investigaciones arqueológicas en El Cabo, oriente de la República Dominicana: resultados preliminares de las campañas 2005 y 2006. *Boletín del Museo del Hombre Dominicano* 42:307-316.
- Hofman, C. L. and M. L. P. Hoogland
2009 *Interim Report on the results of the 2009 (May and June) Rescue Excavations at the Lavoutte Site (Cas-en-Bas), St. Lucia*. Leiden University.
- Hofman, C. L., A. J. Bright and R. Rodríguez Ramos
2010 Crossing the Caribbean Sea: Towards a Holistic View of Pre-Colonial Mobility and Exchange. *Journal of Caribbean Archaeology* Special Publication #3:1-18.
- Hofman, C. L., A. Boomert, A. J. Bright, M. L. P. Hoogland, S. Knippenberg and A. V. M. Samson
2011 Ties with the Homelands: Archipelagic Interaction and the Enduring Role of the South and Central American Mainlands in the Pre-Columbian Lesser Antilles. In *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*, edited by L. A. Curet and M. W. Hauser, pp. 73-86. University of Alabama Press, Tuscaloosa.
- Hofman, C. L. and E. M. Branford
2011 Lavoutte Revisited: Preliminary Results of the 2009 Rescue Excavations at Cas-en-Bas, St. Lucia. In *Proceedings of the XXIII Congress of the International Association for Caribbean Archaeology*, edited by S. A. Rebovich. Dockyard Museum, English Harbour, Antigua.
- Hofman, C. L. and M. L. P. Hoogland
2011 Unravelling the multi-scale networks of mobility and exchange in the pre-colonial circum-Caribbean. In *Communities in Contact. Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*, edited by C. L. Hofman and A. van Duijvenbode, pp. 15-44. Sidestone Press, Leiden.
- Hofman, C. L., M. L. P. Hoogland, H. L. Mickleburgh, J. E. Laffoon, D. A. Weston and M. H. Field
2012 Life and death at precolumbian Lavoutte, Saint Lucia, Lesser Antilles. *Journal of Field Archaeology* 37(3):209-225.
- Hofman, C. L., A. Boomert and J. L. J. A. Mans
in press Complexity, continuity, and reorganization: the case of coastal connections between Northern South America and the Caribbean Basin. In *Oxford Handbook of South American Archaeology*, edited by M. Aldenderfer and J. L. Lanata. Oxford University Press, Oxford.

- Hoogewerff, J., W. Papesch, M. Kralik, M. Berner, P. Vroon, H. Miesbauer, O. Gaber, K.-H. Künzel and J. Kleinjans
2001 The Last Domicile of the Iceman from Hauslabjoch: A Geochemical Approach Using Sr, C and O Isotopes and Trace Element Signatures. *Journal of Archaeological Science* 28:983-989.
- Hoogland, M. and C. Hofman
1993 Kelbey's Ridge 2, A 14th Century Taino Settlement on Saba, Netherlands Antilles. *Analecta Praehistorica Leidensia* 26:163-181.
- Hoogland, M.
1999 Settlement Structure of a Taino Site on Saba, Netherlands Antilles. In *Proceedings of the XVI International Congress for Caribbean Archaeology*, pp. 146-155. Conseil Régional de la Guadeloupe, Guadeloupe.
- Hoogland, M. L. P.
1996 In search of the native population of pre-Columbian Saba (400-1450 A.D.). Part two. Settlements in their natural and social environment. PhD dissertation, Leiden University, Leiden.
- Hoogland, M. L. P.
1997 *Rites Funéraires Dans La Région Circum-Caraïbe*. University of Leiden.
- Hoogland, M. L. P. and C. L. Hofman
1999 Expansion of the Taino Cacicazgos towards the Lesser Antilles. *Journal de la Société des Américanistes* 85:93-113.
- Hoogland, M. L. P., T. Romon and P. Brasselet
2001 Excavations at the Site of Anse à la Gourde: Troumassoid Burial Practices. In *Proceedings of the XVIII International Congress for Caribbean Archaeology*, edited by I. A. I. d. A. d. I. C. R. Guadeloupe, pp. 173-178. Mission Archéologique, Grenada.
- Hoogland, M. L. P., C. L. Hofman and R. G. A. M. Panhuysen
2010 Interisland Dynamics: Evidence for Human Mobility at the site of Anse à la Gourde, Guadeloupe. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 148-162. University Press of Florida, Gainesville.
- Hoogland, M. L. P., C. L. Hofman and A. Boomert
2011a Argyle, St. Vincent: New insights on the Island Carib occupation of the Lesser Antilles. Paper presented at the 24th Congress of the International Association for Caribbean Archaeology, Martinique.
- Hoogland, M. L. P., C. L. Hofman and B. Roux
2011b (Re)constructing the *Táboui* in the Island Carib Village of Argyle, St. Vincent. Paper presented at the Leiden in the Caribbean V: Indigenous Heritage of the Caribbean, Leiden.
- Hoppe, K. A., P. L. Koch, R. W. Carlson and S. D. Webb
1999 Tracking mammoths and mastodons: Reconstruction of migratory behavior using strontium isotope ratios. *Geology* 27(5):439-442.
- Hoppe, K. A., P. L. Koch and T. T. Furutani
2003 Assessing the Preservation of Biogenic Strontium in Fossil Bones and Tooth Enamel. *International Journal of Osteoarchaeology* 13:20-28.

- Hoppe, K. A.
2004 Late Pleistocene mammoth herd structure, migration patterns, and Clovis hunting strategies inferred from isotopic analyses of multiple death assemblages. *Paleobiology* 30(1):129-145.
- Horstwood, M. S. A., J. A. Evans and J. Montgomery
2008 Determination of Sr isotopes in calcium phosphates using laser ablation inductively coupled plasma mass spectrometry and their application to archaeological tooth enamel. *Geochimica et Cosmochimica Acta* 72:5659-5674.
- Howarth, R. J. and J. M. McArthur
1997 Statistics for Strontium Isotope Stratigraphy: A Robust LOWESS Fit to the Marine Sr-Isotope Curve for 0 to 206 Ma, with Look-up Table for Derivation of Numeric Age. *Journal of Geology* 105:441-456.
- Howland, M. R., L. T. Corr, S. M. M. Young, V. Jones, S. Jim, N. J. Van der Merwe, A. D. Mitchell and R. P. Evershed
2003 Expression of the dietary isotope signal in the compound-specific $\delta^{13}\text{C}$ values of pig bone lipids and amino acids. *International Journal of Osteoarchaeology* 13:54-65.
- Irwin, G.
1990 Human Colonisation and Change in the Remote Pacific. *Current Anthropology* 31(1):90-94.
- Irwin, G.
1992 *The Prehistoric Exploration and Colonisation of the Pacific*. Cambridge University Press, Cambridge.
- Isendoorn, A. J. D., C. L. Hofman and M. Booden
2008 Back to the Source: Provenance Areas of Clays and Temper Materials of Pre-Columbian Caribbean Ceramics. *Journal of Caribbean Archaeology Special Publication #2*:15-24.
- Jansen, R. and M. C. Dorst
2007 Spatial Patterning and Structures of the Multi-Component Ceramic Age Site SAN 1, Manzanilla, Trinidad. In *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology*, edited by B. Reid, H. Petitjean Roget and A. Curet, pp. 315-327. University of the West Indies, St. Augustine, Trinidad.
- Johannessen, S. and C. A. Hasdorf (editors)
1994 *Corn and Culture in the Prehistoric New World*. Westview Press, San Francisco.
- Johnson, E.
2009 Life between the cracks: Uses and meanings of a past Hispaniolan landscape at El Cabo. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Jones, J. L., A. H. Goodman, J. Reid, D. Amarasiriwardena, M. E. Mack and M. L. Blakey
2003 Permanent Molars and Shifting Landscapes: Elemental Signature Analysis of Natality at the New York African Burial Ground. *American Journal of Physical Anthropology* 120(Supplement 36):124.
- Kagawa, A., H. Abe, T. Fujii and Y. Itoh

- 2008 Stable isotopes and inorganic elements as potential indicators of timber geographic origin. *American Geophysical Union* 12.
- Katzenberg, M. A., D. A. Herring and S. R. Saunders
 1996 Weaning and Infant Mortality: Evaluating the Skeletal Evidence. *Yearbook of Physical Anthropology* 39:177-199.
- Katzenberg, M. A.
 2008 Stable Isotope Analysis: A Tool for Studying Past Diet, Demography, and Life History. In *Biological Anthropology of the Human Skeleton*, edited by M. A. Katzenberg and S. R. Saunders. John Wiley & Sons, Inc., New York.
- Kearney, M.
 1986 From the Invisible Hand to Visible Feet: Anthropological Studies of Migration and Development. *Annual Review of Anthropology* 15:331-361.
- Keegan, W.
 1991 An Anthropological Evaluation of Taino Kinship. In *Proceedings of the XIII International Congress for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Haviser, pp. 437-445. Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles No. 9, Curaçao.
- Keegan, W. F.
 1985 Dynamic Horticulturalists: population expansion in the prehistoric bahamas. PhD Dissertation, Department of Anthropology, University of California, Los Angeles.
- Keegan, W. F. and J. M. Diamond
 1987 Colonization of Islands by Humans: A Biogeographical Perspective. *Advances in Archaeological Method and Theory* 10:49-92.
- Keegan, W. F. and M. J. DeNiro
 1988 Stable Carbon- and Nitrogen- Isotope Ratios of Bone Collagen Used to Study Coral-Reef and Terrestrial Components of Prehistoric Bahamian Diet. *American Antiquity* 53(2):320-336.
- Keegan, W. F. and M. D. Maclachlan
 1989 The Evolution of Avunculocal Chiefdoms: A Reconstruction of Taino Kinship and Politics. *American Anthropologist* 91(3):613-630.
- Keegan, W. F.
 1992 *The People Who Discovered Columbus: The Prehistory of the Bahamas*. University Press of Florida, Gainesville.
- Keegan, W. F.
 1994 West Indian Archaeology. 1. Overview and Foragers. *Journal of Archaeological Research* 2(3):255-284.
- Keegan, W. F.
 1995 Modeling Dispersal in the Prehistoric West Indies. *World Archaeology* 26(3):400-420.
- Keegan, W. F., M. D. Maclachlan and B. Byrne
 1998 Social Foundations of Taino Caciques. In *Chiefdoms and chieftaincy in the Americas* edited by E. M. Redmond, pp. 217-245. University Press of Florida, Gainesville.
- Keegan, W. F.

- 2000 West Indian Archaeology. 3. Ceramic Age. *Journal of Archaeological Research* 8(2):135-167.
- Keegan, W. F.
2004 Islands of Chaos. In *Late Ceramic Age Societies in the Eastern Caribbean*, edited by A. Delpuech and C. L. Hofman, pp. 33-46. BAR International Series. vol. 1273. Archaeopress, Oxford.
- Keegan, W. F.
2006 All in the Family: Descent and Succession in the Protohistoric Chiefdoms of the Greater Antilles - A Comment on Curet. *Ethnohistory* 53(2):383-392.
- Keegan, W. F.
2009 Central Plaza Burials in Saladoid Puerto Rico: An Alternative Perspective. *Latin American Antiquity* 20(2):375-385.
- Keegan, W. F.
2010 Island Shores and "Long Pauses". In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 11-20. University Press of Florida, Gainesville.
- Kelly, R. L.
1983 Hunter-Gatherer Mobility Strategies. *Journal of Anthropological Research* 39(3):277-306.
- Kelly, R. L. and L. C. Todd
1988 Coming into the Country: Early Paleoindian Hunting and Mobility. *American Antiquity* 53(2):231-244.
- Kennedy, M. J. and L. A. Derry
1995 Lack of Importance of bedrock weathering in supplying base cations to unpolluted forests: Evidence from Sr isotopes. *Geological Society of America Abstracts* 27:A235.
- Kennedy, M. J., O. A. Chadwick, P. M. Vitousek, L. A. Derry and D. M. Hendricks
1998 Changing sources of base cations during ecosystem development, Hawaiian Islands. *Geology* 26(11):1015-1018.
- Kennedy, M. J., L. O. Hedin and L. A. Derry
2002 Decoupling of unpolluted temperate forests from rock nutrient sources revealed by natural $^{87}\text{Sr}/^{86}\text{Sr}$ and ^{84}Sr tracer addition. *Proceedings of the National Academy of Sciences of the United States of America* 99(15):9639-9644.
- Kirch, P. V.
1988 Long-Distance Exchange and Island Colonization: The Lapita Case. *Norwegian Archaeological Review* 21(2):103-117.
- Kirch, P. V.
2000 *On the Road of the Winds: An Archaeological History of the Pacific Islands before European Contact*. University of California Press, Berkeley and Los Angeles.
- Knight, V. J.
1990 Social Organization and the Evolution of Hierarchy in Southeastern Chiefdoms. *Journal of Anthropological Research* 46(1):1-23.
- Knippenberg, S.

- 2006 *Stone Artefact Production and Exchange among the Lesser Antilles*. Archaeological Studies Leiden University 13. PhD Dissertation. Leiden University Press, Leiden.
- Knudson, K. J., T. D. Price, J. E. Buikstra and D. E. Blom
2004 The Use of Strontium Isotope Analysis to Investigate Tiwanaku Migration and Mortuary Ritual in Bolivia and Peru. *Archaeometry* 46(1):5-18.
- Knudson, K. J., T. A. Tung, K. C. Nystrom, T. D. Price and P. D. Fullagar
2005 The Origin of the Juch'uypampa Cave mummies: strontium isotope analysis of archaeological human remains from Bolivia. *Journal of Archaeological Science* 32:903-913.
- Knudson, K. J. and J. E. Buikstra
2007 Residential Mobility and Resource Use in the Chiribaya Polity of Southern Peru: Strontium Isotope Analysis of Archaeological Tooth Enamel and Bone. *International Journal of Osteoarchaeology* 17(6):563-580.
- Knudson, K. J. and T. D. Price
2007 Utility of Multiple Chemical Techniques in Archaeological Residential Mobility Studies: Case Studies From Tiwanaku- and Chiribaya-Affiliated Sites in the Andes. *American Journal of Physical Anthropology* 132(1):25-39.
- Knudson, K. J.
2008 Tiwanaku Influence in the South Central Andes: Strontium Isotope Analysis and Middle Horizon Migration. *Latin American Antiquity* 19(1):3-23.
- Knudson, K. J. and C. M. Stojanowski
2008 New Directions in Bioarchaeology: Recent Contributions to the Study of Human Social Identities. *Journal of Archaeological Research* 16:397-432.
- Knudson, K. J.
2009 Oxygen Isotope Analysis in a Land of Environmental Extremes: The Complexities of Isotopic Work in the Andes. *International Journal of Osteoarchaeology* 19(171-191).
- Knudson, K. J. and D. E. Blom
2009 The Complex Relationship between Tiwanaku Mortuary Identity and Geographic Origin in the South Central Andes. In *Bioarchaeology and Identity in the Americas*, edited by K. J. Knudson and C. M. Stojanowski, pp. 194-211. University Press of Florida, Tallahassee.
- Knudson, K. J. and C. M. Stojanowski
2009a The Bioarchaeology of Identity. In *Bioarchaeology and Identity in the Americas*, edited by K. J. Knudson and C. M. Stojanowski, pp. 1-23. University Press of Florida, Tallahassee.
- Knudson, K. J. and C. M. Stojanowski (editors)
2009b *Bioarchaeology and Identity in the Americas*. University Press of Florida, Tallahassee.
- Knudson, K. J., S. R. Williams, R. Osborn, K. Forgey and P. R. Williams
2009 The geographic origins of Nazca trophy heads using strontium, oxygen, and carbon isotope data. *Journal of Anthropological Archaeology* 28:244-257.
- Knudson, K. J., W. J. Pestle, C. Torres-Rouff and G. Pimentel

- 2010a Assessing the life history of an andean traveller through biogeochemistry: Stable and radiogenic isotope analyses of archaeological human remains from Northern Chile. *International Journal of Osteoarchaeology*.
- Knudson, K. J., H. M. Williams, J. E. Buikstra, P. D. Tomczak, G. W. Gordones and A. D. Anbar
2010b Introducing $\delta^{88/86}\text{Sr}$ analysis in archaeology: a demonstration of the utility of strontium isotope fractionation in paleodietary studies. *Journal of Archaeological Science* 37(9):2352-2364.
- Knudson, K. J., B. O'Donnabhain, C. Carver, R. Cleland and T. D. Price
2012 Migration and Viking Dublin: paleomobility and paleodiet through isotopic analyses. *Journal of Archaeological Science* 39:308-320.
- Koch, P. L., N. Tuross and M. L. Fogel
1997 The effects of sample treatment and diagenesis on the isotopic integrity of carbonate in biogenic hydroxylapatite. *Journal of Archaeological Science* 24(5):417-429.
- Kohn, M. J., M. J. Schoeninger and W. W. Barker
1999 Altered states: Effects of diagenesis on fossil tooth chemistry. *Geochimica et Cosmochimica Acta* 63(18):2737-2747.
- Konigsberg, L. W.
1988 Migrations Models of Prehistoric Postmarital Residence. *American Journal of Physical Anthropology* 77:471-482.
- Koornheef, J. M., C. Bouman and G. R. Davies
2012 Use of 10^{12} and 10^{13} Ohm resistors in TIMS analysis of Sr and Nd isotopes in sub-nanogram geological and environmental samples. Paper presented at the The 22nd V. M. Goldschmidt Conference, Montréal, Canada.
- Kraan, C. T.
1998 The Burials of the Anse à la Gourde Site, Guadeloupe (F.W.I.): An Archaeological Study in the Light of the Rites of Passage. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Krigbaum, J., S. M. Fitzpatrick and J. Bankaitis
in press Human Paleodiet at Grand Bay, Carriacou, Lesser Antilles. *Journal of Island and Coastal Archaeology*.
- Krueger, H. W. and C. H. Sullivan
1984 Models for Carbon Isotope Fractionation between Diet and Bone. In *Stable Isotopes in Nutrition*, edited by J. Turnlund and P. E. Johnson, pp. 205-222. vol. Vol. 258 American Chemical Society. ACS Symposium Series, Washington, DC.
- Kusaka, S., A. Ando, T. Nakano, T. Yumoto, E. Ishimaru, M. Yoneda, F. Hyodo and K. Katayama
2009 A strontium isotope analysis on the relationship between ritual tooth ablation and migration among the Jomon people in Japan. *Journal of Archaeological Science* 36:2289-2297.
- Kusaka, S., T. Nakano, T. Yumoto and M. Nakatsukasa
2011 Strontium isotope evidence of migration and diet in relation to ritual tooth ablation: a case study from the Inariyama Jomon site, Japan. *Journal of Archaeological Science* 38:166-174.

- Laffoon, J. and B. de Vos
2011 Diverse Origins, Similar Diets: An Integrated Isotopic Perspective from Anse à la Gourde, Guadeloupe. In *Communities in Contact. Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*, edited by C. L. Hofman and A. van Duijvenbode, pp. 187-204. Sidestone Press, Leiden.
- Laffoon, J. E. and M. L. P. Hoogland
2009 An Application of Strontium Isotope Analysis to Caribbean Contexts: Promises and Problems. Paper presented at the XXIII Congress of the International Association for Caribbean Archaeology, Antigua & Barbuda.
- Laffoon, J. E., G. R. Davies, M. L. P. Hoogland and C. L. Hofman
2012a Spatial variation of biologically available strontium isotopes ($^{87}\text{Sr}/^{86}\text{Sr}$) in an archipelagic setting: A case study from the Caribbean. *Journal of Archaeological Science* 39(7):2371-2384.
- Laffoon, J. E. and M. L. P. Hoogland
2012 Migration and Mobility in the Circum-Caribbean: Integrating Archaeology and Isotopic Analysis. In *Population Dynamics in Pre- and Early History. New Approaches Using Stable Isotopes and Genetics*, edited by J. Burger, E. Kaiser and W. Schier, pp. 337-353. Topoi: Berlin Studies of the Ancient World 5. de Gruyter, Berlin.
- Laffoon, J. E., R. Valcárcel Rojas and C. L. Hofman
2012b Oxygen and Carbon Isotope Analysis of Human Dental Enamel from the Caribbean: Implications for Investigating Individual Origins. *Archaeometry*. doi: 10.1111/j.1475-4754.2012.00698.x
- Lalueza-Fox, C., F. Luna Calderón, F. Calafell, B. Morera and J. Bertranpetit
2001 MtDNA from extinct Tainos and the peopling of the Caribbean. *Annals of Human Genetics* 65:137-151.
- Lalueza-Fox, C., M. T. P. Gilbert, A. J. Martinez-Fuentes, F. Calafell and J. Bertranpetit
2003 Mitochondrial DNA from Pre-Columbian Ciboneys from Cuba and the Prehistoric Colonization of the Caribbean. *American Journal of Physical Anthropology* 121(2):97-108.
- Lammers-Keijsers, Y.
2007 *Tracing Traces from Present to Past. A Functional Analysis of Pre-Columbian Shell and Stone Artefacts from Anse à la Gourde and Morel, Guadeloupe, FWI*. Archaeological Studies Leiden University 15. PhD Dissertation. Leiden University Press, Leiden.
- Larsen, C. S.
1997 *Bioarchaeology: Interpreting behavior from the human skeleton*. Cambridge Studies in Biological Anthropology 21. Cambridge University Press, Cambridge.
- Larsen, C. S., M. F. Teaford and M. K. Sandford
2002 The Tutu Teeth: Assessing prehistoric health and lifeway from St Thomas. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 230-249. Routledge, London.
- Las Casas, B. d.

- 1951 *Historia de las Indias*. 3 vols. Fondo de Cultura Económica, Mexico City.
- Las Casas, B. d.
1992 *A Short Account of the Destruction of the West Indies*, edited by N. Griffen. Penguin, New York.
- Latkoczy, C., T. Prohaska, G. Stingeder and M. Teschler-Nicola
1998 Strontium isotope ratio measurements in prehistoric human bone samples by means of high-resolution inductively coupled plasma mass spectrometry (HR-ICP-MS). *Journal of Analytical Atomic Spectrometry* 13:561-566.
- Le Huray, J. D., H. Shutkowski and M. P. Richards
2006 La Tène Dietary Variation in Central Europe: A Stable Isotope Study of Human Skeletal Remains from Bohemia. In *The Social Archaeology of Funerary Remains*, edited by R. Gowland and C. Knüsel, pp. 99-121. Oxbow Books, Oxford.
- Leach, S., H. Eckardt, C. Chenery, G. Müldner and M. Lewis
2010 A Lady of York: migration, ethnicity and identity in Roman Britain. *Antiquity* 84:131-145.
- Lee-Thorp, J.
2002 Two Decades of Progress towards Understanding Fossilization Processes and Isotopic Signals in Calcified Tissue Minerals. *Archaeometry* 44(3):435-446.
- Lee-Thorp, J. and M. Sponheimer
2003 Three case studies used to reassess the reliability of fossil bone and enamel isotope signals for paleodietary studies. *Journal of Anthropological Archaeology* 22:208-216.
- Lee-Thorp, J. A., J. C. Sealy and N. J. van der Merwe
1989 Stable carbon isotope ratio differences between bone collagen and bone apatite, and their relationship to diet. *Journal of Archaeological Science* 16(6):585-599.
- Lee, E. S.
1966 A Theory of Migration. *Demography* 3(1):47-57.
- Lewis, G. J.
1982 *Human Migration: A Geographical Perspective*. Croom Helm, London.
- Lightfoot, E. (editor)
2008 *Movement, Mobility and Migration*. 23.2. Archaeological Review from Cambridge, Cambridge.
- Longinelli, A.
1984 Oxygen isotopes in mammal bone phosphate: a new tool for paleohydrological and paleoclimatological research? *Geochimica et Cosmochimica Acta* 48:385-390.
- Lovén, S.
1935 *Origins of the Tainan Culture, West Indies*. Elanders Bokfryckeri Akfiebölag, Gdtebocg.
- Lucassen, J. and L. Lucassen
2009 The mobility transition revisited, 1500-1900: what the case of Europe can offer to global history. *Journal of Global History* 4(3):347-377.
- Lucassen, J., L. Lucassen and P. Manning (editors)

- 2010 *Migration History in World History. Multidisciplinary approaches*. Brill Publishers, Leiden and Boston.
- Lucassen, J. and L. Lucassen
2011 From mobility transition to comparative global migration history. *Journal of Global History* 6:299-307.
- Luz, B., Y. Kolodny and M. Horowitz
1984 Fractionation of Oxygen Isotopes Between Mammalian Bone-phosphate and Environmental Drinking Water. *Geochimica et Cosmochimica Acta* 48:1689-1693.
- Mann, C. C.
2011 *1493: Uncovering the New World Columbus Created*. Knopf, New York.
- Manning, P.
2005 *Migration in World History. Themes in World History*. Routledge, New York.
- Martínez-Cruzado, J. C., G. Toro-Labrador, V. Ho-Fung, M. A. Estévez-Montero, A. Lobaina-Manzanet, D. A. Padovani-Claudio, H. Sánchez-Cruz, P. Ortiz-Bermúdez and A. Sánchez-Crespo
2001 Mitochondrial DNA Analysis Reveals Substantial Native American Ancestry in Puerto Rico. *Human Biology* 73(4):491-511.
- Martínez-Cruzado, J. C.
2002 The Use of Mitochondrial DNA to Discover Pre-Columbian Migrations to the Caribbean: Results for Puerto Rico and Expectations for the Dominican Republic. *KACIKE: The Journal of Caribbean Amerindian History and Anthropology* Special Issue, Lynne Guitar, Ed.:1-11.
- Martínez-Cruzado, J. C., G. Toro-Labrador, J. Viera-Vera, M. Y. Rivera-Vega, J. Startek, M. Latorre-Esteves, A. Román-Colón, R. Rivera-Torres, I. Y. Navarro-Millán, E. Gómez-Sánchez, H. Y. Caro-González and P. Valencia-Rivera
2005 Reconstructing the Population History of Puerto Rico by Means of mtDNA Phylogeographic Analysis. *American Journal of Physical Anthropology* 128(1):131-155.
- Martínez-Cruzado, J. C.
2010 The History of Amerindian Mitochondrial DNA Lineages in Puerto Rico. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 54-80. University Press of Florida, Gainesville.
- Martinón-Torres, M., R. Valcárcel Rojas, J. Cooper and T. Rehren
2007 Metals, microanalysis and meaning: a study of metal objects excavated from the indigenous cemetery of El Chorro de Maíta, Cuba. *Journal of Archaeological Science* 34:194-204.
- Martinón-Torres, M., R. Valcárcel Rojas, J. Sáenz Samper and M. Filomena Guerra
2012 Metallic encounters in Cuba: The technology, exchange and meaning of metals before and after Columbus. *Journal of Anthropological Archaeology*.
- McArthur, J. M., R. J. Howarth and T. R. Bailey
2001 Strontium Isotope Stratigraphy: LOWESS Version 3: Best Fit to the Marine Sr-Isotope Curve for 0–509 Ma and Accompanying Look-up Table for Deriving Numerical Age. *Journal of Geology* 109:155-170.

- Mickleburgh, H. L.
2006 *Teeth Tell Tales* Masters Thesis. Sidestone Press, Leiden.
- Mickleburgh, H. L. and J. R. Pagán Jiménez
2012 New insights into the consumption of maize and other food plants in the pre-Columbian Caribbean from starch grains trapped in human dental calculus. *Journal of Archaeological Science* 39(7):2468-2478.
- Millard, A. R. and H. Schroeder
2010 'True British sailors': a comment on the origin of the men of the *Mary Rose*. *Journal of Archaeological Science* 37:680-682.
- Mol, A. A. A.
2007 *Costly Giving, Giving Guázas: Towards an organic model of the exchange of social valuables in the Late Ceramic Age Caribbean* Masters Thesis. Sidestone Press, Leiden.
- Molleson, T.
1988 Trace Elements in Human Teeth. In *Trace Elements in Environmental History*, edited by G. Grupe and B. Herrman, pp. 67-82. Springer-Verlag, Berlin.
- Montgomery, J., P. Budd, A. Cox, P. Krause and R. G. Thomas
1999 LA-ICP-MS Evidence for the Distribution of Lead and Strontium in Romano-British, Medieval and Modern Human Teeth: Implications for Life History and Exposure Reconstruction. In *Metals in Antiquity*, edited by Y. S. M. M., A. M. Pollard, P. Budd and R. A. Ixer, pp. 290-296. BAR International Series. Archaeopress, Oxford.
- Montgomery, J., P. Budd and J. Evans
2000 Reconstructing the lifetime movements of ancient people: a Neolithic case study from southern England. *European Journal of Archaeology* 3:370-386.
- Montgomery, J., J. A. Evans and T. Neighbour
2003 Sr isotope evidence for population movement within the Hebridean Norse community of NW Scotland. *Journal of the Geological Society* 160:649-653.
- Montgomery, J., J. A. Evans, D. Powlesland and C. A. Roberts
2005 Continuity or Colonization in Anglo-Saxon England? Isotope Evidence for Mobility, Subsistence Practice, and Status at West Heslerton. *American Journal of Physical Anthropology* 126:123-138.
- Montgomery, J. and J. A. Evans
2006 Immigrants on the Isle of Lewis - combining traditional funerary and modern isotope evidence to investigate social differentiation, migration and dietary change in the Outer Hebrides of Scotland. In *The Social Archaeology of Funerary Remains*, edited by R. Gowland and C. Knüsel, pp. 122-142. Oxbow Books, Oxford.
- Montgomery, J., J. A. Evans and R. E. Cooper
2007 Resolving archaeological populations with Sr-isotope mixing models. *Applied Geochemistry* 22(7):1502-1514.
- Montgomery, J.
2010 Passports from the Past: Investigating human dispersals using strontium isotope analysis of tooth enamel. *Annals of Human Biology* 37(3):325-346.
- Moore, C.

- 1991 Cabaret: Lithic Workshop Sites in Haiti. In *Proceedings of the XIII Congress of the International Association for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Haviser, pp. 92-104. Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles No.9, Curaçao.
- Moore, J. H.
2001 Evaluating Five Models of Human Colonization. *American Anthropologist* 103(2):395-408.
- Moravetz, I. and R. Callaghan
2011 Archaeological Impact Mitigation at Escape, St. Vincent and the Grenadines. In *Proceedings of the XVIII Congress of the International Association for Caribbean Archaeology*, edited by S. A. Rebovich, pp. 640-654. Dockyard Museum, English Harbour, Antigua.
- Morse, B. F.
1997 The Salt River Site, St. Croix, at the Time of the Encounter. In *The Indigenous People of the Caribbean*, edited by S. M. Wilson, pp. 36-45. University Press of Florida, Gainesville.
- Morsink, J.
2006 (Re-)Constructing Constructions: Quotidian Life and Social Practice at Anse à la Gourde. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Muhs, D. R., C. A. Bush, K. C. Stewart, T. R. Rowland and R. C. Crittenden
1990 Geochemical Evidence of Saharan Dust Parent Material for Soils Developed on Quaternary Limestones of Caribbean and Western Atlantic Islands. *Quaternary Research* 33:157-177.
- Müldner, G., C. Chenery and H. Eckardt
2011 The ‘Headless Romans’: multi-isotope investigations of an unusual burial ground from Roman Britain. *Journal of Archaeological Science* 38:280-290.
- Müller, W., H. Fricke, A. N. Halliday, M. T. McCulloch and J.-A. Wartho
2003 Origin and Migration of the Alpine Iceman. *Science* 302(5646):862-866.
- Nafplioti, A.
2008 ‘‘Mycenaean’’ political domination of Knossos following the Late Minoan IB destructions on Crete: negative evidence from strontium isotope ratio analysis ($^{87}\text{Sr}/^{86}\text{Sr}$). *Journal of Archaeological Science* 35:2307-2317.
- Nehlich, O., J. Montgomery, J. Evans, S. Schade-Lindig, S. L. Pichler, M. P. Richards and K. W. Alt
2009 Mobility or migration: a case study from the Neolithic settlement of Nieder-Mörlen (Hessen, Germany). *Journal of Archaeological Science* 36:1791-1799.
- Nelson, M. C. and G. Schachner
2002 Understanding Abandonments in the North American Southwest. *Journal of Archaeological Research* 10(2):167-206.
- Newsom, L. A. and E. S. Wing
2004 *On Land and Sea: Native American Uses of Biological Resources in the West Indies*. University of Alabama Press, Tuscaloosa.
- Nielsen-Marsh, C. M. and R. E. M. Hedges

- 2000 Patterns of Diagenesis in Bone II: Effects of Acetic Acid Treatment and the Removal of Diagenetic CO₃²⁻. *Journal of Archaeological Science* 27:1151-1159.
- Nieweg, D. C. and M. C. Dorst
 2001 The Manzanilla 1 (SAN-1) Site, Trinidad. In *Proceedings of the XIX International Congress for Caribbean Archaeology*, edited by L. Alofs and R. Dijkhoff, pp. 173-185. Publications of the Archaeological Museum Aruba 9, Aruba.
- Norr, L.
 2002 Bone Isotopic Analysis and Prehistoric Diet at the Tutu Site. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 263-273. Routledge, London.
- Nowell, G. M. and M. S. A. Horstwood
 2009 Comments on Richards et al., *Journal of Archaeological Science* 35,
 2008 "Strontium isotope evidence of Neanderthal mobility at the site of Lakonis, Greece using laser-ablation PIMMS". *Journal of Archaeological Science* 36(7):1334-1341.
- Oelze, V. M., J. K. Koch, K. Kupke, O. Nehlich, S. Zäuner, J. Wahl, S. M. Weisse, S. Rieckhoff and M. P. Richards
 2012a Multi-Isotopic Analysis Reveals Individual Mobility and Diet at the Early Iron Age Monumental Tumulus of Magdalenenberg, Germany. *American Journal of Physical Anthropology* 148:406-421.
- Oelze, V. M., O. Nehlich and M. P. Richards
 2012b 'There's no place like home' -No isotopic evidence for mobility at the Early Bronze Age cemetery of Singen, Germany. *Archaeometry* 54(4):752-778.
- Oliver, J. R.
 2009 *Caciques and Cemí Idols: The Web Spun by Taino Rulers Between Hispaniola and Puerto Rico*. University of Alabama Press, Tuscaloosa.
- Olsen Bogaert, H.
 2004 *Investigaciones arqueológicas de Punta Macao*. Museo del Hombre Dominicano.
- Ortega, E.
 1978 Informe Sobre Investigaciones Arqueológicas Realizadas en La Region Este Del Pais, Zona Costera desde Macao a Punta Espada. *Boletín del Museo del Hombre Dominicano* 11:77-107.
- Ortega, E. Á., G. Atilés and J. Ulloa Hung
 2003 *Arqueología en la Iglesia de Macao*. El Caribe Arqueológico X. Academia de Ciencias de la República Dominicana/Fundación Ortega Alvarez, Inc., Santo Domingo.
- Ostapkowicz, J., C. Bronk Ramsey, A. Wiedenhoeft, M. Richards and M. Cooper
 2009 A Matter of Seeing the Wood for the Trees: Pre-Hispanic Caribbean Sculptural Arts in Wood Project (2007-2009). Paper presented at the 23rd Congress of the International Association for Caribbean Archaeology, Antigua and Barbuda.
- Otte, M. and L. H. Keeley

- 1990 The Impact of Regionalism on Paleolithic Studies. *Current Anthropology* 31(5):577-582.
- Passey, B. H., T. F. Robinson, L. K. Ayliffe, T. E. Cerling, M. Sponheimer, M. D. Dearing, B. L. Roeder and J. R. Ehleringer
2005 Carbon isotope fractionation between diet, breath CO₂, and bioapatite in different mammals. *Journal of Archaeological Science* 32:1459-1470.
- Pearsall, D. M.
2002 Analysis of Charred Botanical Remains from the Tutu Site. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 109-134. Routledge, London.
- Peebles, C. S. and S. M. Kus
1977 Some Archaeological Correlates of Ranked Societies. *American Antiquity* 42(3):421-448.
- Peros, M. C., E. G. Reinhardt, H. P. Schwarcz and A. M. Davis
2007 High-resolution paleosalinity reconstruction from Laguna de la Leche, north coastal Cuba, using Sr, O, and C isotopes. *Palaeogeography, Palaeoclimatology, Palaeoecology* 245:535-550.
- Perry, M. A., D. Coleman and N. Delhopital
2008 Mobility and Exile at 2nd Century A.D. Khirbet edh-Dharieh: Strontium Isotope Analysis of Human Migration in Western Jordan. *Geoarchaeology* 23(4):528-549.
- Persons, A. B., R. Valcárcel Rojas, V. J. Knight, L. Pérez and J. E. Worth
2007 *Archaeological investigations at El Chorro de Maíta, Holguín province, Cuba. 2007 season*. Unpublished report, University of Alabama.
- Pestle, W. J.
2010 Diet and Society in Prehistoric Puerto Rico. PhD Dissertation, Department of Anthropology, University of Illinois at Chicago, Chicago.
- Pett-Ridge, J. C., L. A. Derry and A. C. Kurtz
2009 Sr isotopes as a tracer of weathering processes and dust inputs in a tropical granitoid watershed, Luquillo Mountains, Puerto Rico. *Geochimica et Cosmochimica Acta* 73:25-43.
- Piperno, D.
2002 Phytolith Remains from the Tutu Site. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 135-140. Routledge, London.
- Podlesak, D. W., A.-M. Torregrossa, J. R. Ehleringer, M. D. Dearing, B. H. Passey and T. E. Cerling
2008 Turnover of oxygen and hydrogen isotopes in the body water, CO₂, hair, and enamel of a small mammal. *Geochimica et Cosmochimica Acta* 72(1):19-35.
- Pollard, A. M., M. Pellegrini and J. A. Lee-Thorp
2011 Technical Note: Some Observations on the Conversion of Dental Enamel $\delta^{18}O_p$ Values to $\delta^{18}O_w$ to Determine Human Mobility. *American Journal of Physical Anthropology* 145:499-504.
- Pollard, A. M.
2012 Isotopes and impact: a cautionary tale. *Antiquity* 85:631-638.
- Pozwa, A., E. Dambrine, B. Pollier and O. Atteia

- 2000 A comparison between Ca and Sr cycling in forest ecosystems. *Plant and Soil* 225:299-310.
- Pozwa, A., E. Dambrine, B. Ferry, B. Pollier and M. Loubet
2002 Do deep tree roots provide nutrients to the tropical rainforest? *Biogeochemistry* 60:97-118.
- Pozwa, A., B. Ferry, E. Dambrine, B. Pollier, T. Wickman, M. Loubet and K. Bishop
2004 Variations of bioavailable Sr concentration $^{87}\text{Sr}/^{86}\text{Sr}$ ratio in boreal forest ecosystems: Role of biocycling, mineral weathering and depth of root uptake. *Biogeochemistry* 67:1-20.
- Price, T. D. (editor)
1989 *The Chemistry of Prehistoric Human Bone*. Cambridge University Press, Cambridge.
- Price, T. D., G. Grupe and P. Schröter
1994a Reconstruction of migration patterns in the Bell Beaker period by stable strontium isotope analysis. *Applied Geochemistry* 9:413-417.
- Price, T. D., C. M. Johnson, J. A. Ezzo, J. Ericson and J. H. Burton
1994b Residential Mobility in the Prehistoric Southwest United States: A Preliminary Study using Strontium Isotope Analysis. *Journal of Archaeological Science* 21:315-330.
- Price, T. D., G. Grupe and P. Schröter
1998 Migration in the Bell Beaker period of central Europe. *Antiquity* 72:405-411.
- Price, T. D., L. Manzanilla and W. D. Middleton
2000 Immigration and the Ancient City of Teotihuacan in Mexico: a Study Using Strontium Isotope Ratios in Human Bone and Teeth. *Journal of Archaeological Science* 27:903-913.
- Price, T. D., R. A. Bentley, J. Lüning, D. Gronenborn and J. Wahl
2001 Prehistoric human migration in the *Linearbandkeramik* of Central Europe. *Antiquity* 75:593-603.
- Price, T. D., J. H. Burton and R. A. Bentley
2002 The Characterization of Biologically Available Strontium Isotope Ratios for the Study of Prehistoric Migration. *Archaeometry* 44:117-135.
- Price, T. D. and H. Gestsdóttir
2006 The first settlers of Iceland: an isotopic approach to colonisation. *Antiquity* 80:130-144.
- Price, T. D., V. Tiesler and J. H. Burton
2006 Early African Diaspora in Colonial Campeche, Mexico: Strontium Isotopic Evidence. *American Journal of Physical Anthropology* 130(4):485-490.
- Price, T. D., J. H. Burton and J. B. Stoltman
2007a Place of Origin of Prehistoric Inhabitants of Aztalan, Jefferson Co., Wisconsin. *American Antiquity* 72(3):524-538.
- Price, T. D., J. H. Burton, L. E. Wright, C. D. White and F. Longstaffe
2007b Victims of Sacrifice: Isotopic Evidence for Place of Origin. In *New Perspectives on Human Sacrifice and Ritual Body Treatments in Ancient Maya Society*, pp. 263-292. Springer, New York.
- Price, T. D., J. H. Burton, P. D. Fullagar, L. E. Wright, J. E. Buikstra and V. Tiesler

- 2008 Strontium Isotopes and the Study of Human Mobility in Ancient Mesoamerica. *Latin American Antiquity* 19(2):167-180.
- Price, T. D., J. H. Burton, R. J. Sharer, J. E. Buikstra, L. E. Wright, L. P. Traxler and K. A. Miller
2010 Kings and commoners at Copan: Isotopic evidence for origins and movement in the Classic Maya period. *Journal of Anthropological Archaeology* 29(1):15-32.
- Probst, A., A. El Gh'mari, D. Aubert, B. Fritz and R. McNutt
2000 Strontium as a tracer of weathering processes in a silicate catchment polluted by acid atmospheric inputs, Strengbach, France. *Chemical Geology* 170:203-219.
- Prohaska, T., C. Latkoczy, G. Schulteis, M. Teschler-Nicola and G. Stingeder
2002 Investigation of Sr isotope ratios in prehistoric human bones and teeth using laser ablation ICP-MS and ICP-MS after Rb/Sr separation. *Journal of Analytical Atomic Spectrometry* 17:887-891.
- Prowse, T. L., H. P. Schwarcz, P. Garnsey, M. Knyf, R. Macchiarelli and L. Bondioli
2007 Isotopic Evidence for Age-Related Immigration to Imperial Rome. *American Journal of Physical Anthropology* 132(4):510-519.
- Pye, K.
2004 Isotope and trace element analysis of human teeth and bones for forensic purposes. In *Forensic Geoscience: Principles, Techniques and Applications*, edited by K. Pye and D. J. Croft, pp. 215-236. vol. 232. Geological Society, London, Special Publication, London.
- Quinn, R. L., B. D. Tucker and J. Krigbaum
2008 Diet and mobility in Middle Archaic Florida: stable isotopic and faunal evidence from the Harris Creek archaeological site (8Vo24), Tick Island. *Journal of Archaeological Science* 35:2346-2356.
- Rainey, F. G.
1940 Porto Rican Archaeology. In *Scientific Survey of Porto Rico and the Virgin Islands*. vol. XVIII, pt. 1. New York Academy of Science New York.
- Rakita, G. F. M., J. E. Buikstra, L. A. Beck and S. R. Williams (editors)
2005 *Interacting with the Dead: Perspectives on Mortuary Archaeology for the New Millennium*. University Press of Florida, Gainesville.
- Richards, M., K. Harvati, V. Grimes, C. Smith, T. Smith, J.-J. Hublin, P. Karkanas and E. Panagopoulou
2008 Strontium isotope evidence of Neanderthal mobility at the site of Lakonis, Greece using laser-ablation PIMMS. *Journal of Archaeological Science* 35:1251-1256.
- Richards, M. P., S. Mays and B. T. Fuller
2002 Stable Carbon and Nitrogen Isotope Values of Bone and Teeth Reflect Weaning Age at the Medieval Wharram Percy Site, Yorkshire, UK. *American Journal of Physical Anthropology* 119:205-210.
- Richter, F. M., D. B. Rowley and D. J. DePaolo
1992 Sr isotope evolution of seawater: the role of tectonics. *Earth and Planetary Science Letters* 109:11-23.
- Richter, E.

- 2001 Changing Times at the Tutu Archaeological Village Site, St. Thomas, USVI. In *Proceedings of the XIX International Congress for Caribbean Archaeology*, edited by L. Alofs and R. A. C. F. Dijkhoff, pp. 14-28. Publications of the Archaeological Museum Aruba 9, Aruba.
- Righter, E.
2002 *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*. Routledge, London.
- Rivera-Callazo, I. C.
2011 Palaeoecology and human occupation during the Mid-Holocene in Puerto Rico: the case of Angostura. In *Communities in Contact: Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*, edited by C. L. Hofman and A. van Duijvenbode, pp. 407-420. Sidestone Press, Leiden.
- Rivero de la Calle, M., C. Rodríguez and M. Montero
1990 Estudio de un Cráneo Europeo Encontrado en el Sitio Aborigen de El Chorro de Maíta, Yaguajay, Banes, Provincia de Holguín. *Revista de Historia* 1:64-92.
- Roberts, S. B., W. A. Coward, G. Ewing, J. Savage, T. J. Cole and A. Lucas
1988 Effect of weaning on accuracy of doubly labeled water method in infants. *American Journal of Physiology* 254(4):R622-627.
- Robinson, C. J., J. Kirkam, J. A. Weatherell and M. Strong
1986 Dental Enamel, a Living Fossil. In *Teeth and Anthropology*, edited by E. Cruwys and R. A. Foley, pp. 31-54. BAR International Series. vol. 291, Oxford.
- Rockman, M. and J. Steele (editors)
2003 *Colonization of Unfamiliar Landscapes: the archaeology of adaptation*. Routledge, New York.
- Rodríguez Ramos, R.
2007 Puerto Rican Precolonial History Etched In Stone. PhD Dissertation, Department of Anthropology, University of Florida, Gainesville.
- Rodríguez Ramos, R.
2010 *Rethinking Puerto Rican Precolonial History*. University of Alabama Press, Tuscaloosa.
- Rodríguez Ramos, R., J. M. Torres and J. R. Oliver
2010 Rethinking Time in Caribbean Archaeology. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. Fitzpatrick and A. H. Ross. University Press of Florida, Gainesville.
- Rodríguez Ramos, R.
2011 Close Encounters of the Caribbean Kind. In *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*, edited by L. A. Curet and M. W. Hauser, pp. 164-192. University of Alabama Press, Tuscaloosa.
- Roe, P. G.
1989 A Grammatical Analysis of Cedrosan Saladoid Vessel Form Categories and Surface Decoration: Aesthetic and Technical Styles in Antillean Ceramics. In *Early Ceramic Population Lifeways and Adaptive Strategies in the Caribbean*, edited by P. E. Siegel, pp. 267-382. BAR International Series No. 506. British Archaeological Reports, Oxford.

- Romero Molina, J.
1986 *Catálogo de la colección de dientes mutilados prehispánicos IV parte*. Colección Fuentes. Instituto Nacional de Antropología e Historia, Mexico City.
- Roobol, M. J. and A. L. Smith
1980 Archaeological Implications of Some Radiocarbon Dating on Saba and St. Kitts. In *Proceedings of the 8th International Congress for the Study of the Pre-Columbian Cultures of the Lesser Antilles*, edited by S. M. Lewenstein, pp. 168-176. Arizona State University Anthropological Research Papers No.22, St. Kitts.
- Roobol, M. J. and A. L. Smith
2004 *Volcanology of Saba and St. Eustatius, Northern Lesser Antilles*. Royal Netherlands Academy of Arts and Sciences, Amstersdam.
- Ross, A. H., D. H. Ubelaker and A. B. Falsetti
2002 Craniometric Variation in the Americas. *Human Biology* 74(6):807-818.
- Ross, A. H.
2004 Cranial Evidence of Pre-Contact Multiple Population Expansions in the Caribbean. *Caribbean Journal of Science* 40(3):291-298.
- Ross, A. H. and D. H. Ubelaker
2010 A Morphometric Approach to Taíno Biological Distance in the Caribbean. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross, pp. 108-126. University Press of Florida, Gainesville.
- Rouse, I.
1942 *Archaeology of the Maniabón Hills, Cuba*. Yale University Press, New Haven.
- Rouse, I.
1952 Porto Rican Prehistory. In *Scientific Survey of Porto Rico and the Virgin Islands*. vol. XVIII, pts. 3-4. New York Academy of Science, New York.
- Rouse, I.
1958 The Inference of Migrations from Anthropological Evidence. In *Migrations in New World Culture History*, edited by R. H. Thompson, pp. 63-68. vol. 29. University of Arizona Press, Tucson.
- Rouse, I.
1964 Prehistory of the West Indies. *Science* 144(3618):499-513.
- Rouse, I. and L. Allaire
1978 Caribbean. In *Chronologies in New World Archaeology*, edited by R. E. Taylor and C. W. Meighan, pp. 431-481. Academic Press New York.
- Rouse, I.
1986 *Migrations in Prehistory: Inferring Population Movement from Cultural Remains*. Yale University Press, New Haven.
- Rouse, I.
1989a Peopling and re peopling of the West Indies. In *Biogeography of the West Indies: Past, Present, and Future*, edited by C. A. Woods, pp. 119-136. Sandhill Crane Press, Gainesville.
- Rouse, I.

- 1989b Peoples and Cultures of the Saladoid Frontier in the Greater Antilles. In *Early Ceramic Population Lifeways and Adaptive Strategies in the Caribbean*, edited by P. E. Siegel, pp. 383-404. BAR International Series No. 506. British Archaeological Reports, Oxford.
- Rouse, I.
1992 *The Tainos: Rise and Decline of the People Who Greeted Columbus*. Yale University Press, New Haven.
- Samson, A. V. M.
2010 *Renewing the House: Trajectories of social life in the yucayeque (community) of El Cabo, Higüey, Dominican Republic, AD 800 to 1504*. PhD Dissertation. Sidestone Press, Leiden.
- Samson, A. V. M.
2011 The most beautiful house in the world: The archaeology of aesthetics in eastern Hispaniola. In *Communities in Contact: Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*, edited by C. L. Hofman and A. van Duijvenbode, pp. 421-438. Sidestone Press, Leiden.
- Sandford, M. K., G. Bogdan and G. E. Kissling
2002 Biological Adaptation in the Prehistoric Caribbean: Osteology and Bioarchaeology of the Tutu Site. In *The Tutu Archaeological Village Site: A Multidisciplinary Case Study in Human Adaptation*, edited by E. Righter, pp. 209-229. Routledge, London.
- Sannen, P.
2006 Theoretical Approaches to the Study of Mortuary Practice: and their application to selected burial assemblages from the Caribbean. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Sauer, C. O.
1966 *The Early Spanish Main*. University of California Press, Berkeley.
- Schats, R.
2010 The Yaya Narrative: The Social and Cultural Implications of Treponemal Disease in the Caribbean Area. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Schellenberg, A., S. Chmielus, C. Schlicht, F. Camin, M. Perini, L. Bontempo, K. Heinrich, S. D. Kelly, A. Rossmann, F. Thomas, E. Jamin and M. Horacek
2010 Multielement stable isotope ratios (H, C, N, S) of honey from different European regions. *Food Chemistry* 121(3):770-777.
- Schertl, H.-P., W. V. Maresch, K. P. Stanek, A. Hertwig, M. Krebs, R. Baese and S. S. Sergeev
2012 New occurrences of jadeitite, jadeite quartzite and jadeite-lawsonite quartzite in the Dominican Republic, Hispaniola: petrological and geochronological overview *European Journal of Mineralogy* 24(2):199-216.
- Schoeninger, M. J. and M. J. DeNiro
1982 Carbon isotope ratios of apatite from fossil bone cannot be used to reconstruct diets of animals. *Nature* 297(5867):577-578.
- Schoeninger, M. J. and M. J. DeNiro
1984 Nitrogen and carbon isotopic composition of bone collagen from marine and terrestrial animals. *Geochimica et Cosmochimica Acta* 48(4):625-639.

- Schoeninger, M. J.
1985 Trophic Level Effects on $^{15}\text{N}/^{14}\text{N}$ and $^{13}\text{C}/^{12}\text{C}$ Ratios in Bone Collagen and Strontium Levels in Bone Mineral. *Journal of Human Evolution* 14:515-525.
- Schoeninger, Margaret J.
2009 Stable Isotope Evidence for the Adoption of Maize Agriculture. *Current Anthropology* 50(5):633-640.
- Schroeder, H., T. C. O'Connell, J. A. Evans, K. A. Shuler and R. E. M. Hedges
2009 Trans-Atlantic Slavery: Isotopic Evidence for Forced Migration to Barbados. *American Journal of Physical Anthropology* 139:547-557.
- Schroeder, H., J. B. Havisser and T. D. Price
2012 The Zoutsteeg Three: Three new cases of African types of dental modification from Saint Martin, Dutch Caribbean. *International Journal of Osteoarchaeology*.
- Schurr, T. G.
2010 Coastal Waves and Island Hopping: A Genetic View of Caribbean Prehistory and New World Colonization. In *Island Shores, Distant Pasts: Archaeological and Biological Approaches to the Pre-Columbian Settlement of the Caribbean*, edited by S. M. Fitzpatrick and A. H. Ross. University Press of Florida, Gainesville.
- Schwarcz, H. P., L. Gibbs and M. Knyf
1991 Oxygen Isotope Analysis as an Indicator of Place of Origin. In *Snake Hill: An investigation of a Military Cemetery from the War of 1812*, edited by S. Pfeiffer and R. Williamson, pp. 263-268. Dundurn Press, Toronto.
- Schwarcz, H. P., C. D. White and F. J. Longstaffe
2010 Stable and Radiogenic Isotopes in Biological Archaeology: Some Applications. In *Isoscapes: Understanding Movement, Pattern, and Process on Earth Through Isotope Mapping*, edited by J. B. West, G. J. Bowen, T. E. Dawson and K. P. Tu, pp. 335-356. New York, Springer.
- Schweissing, M. M. and G. Grupe
2003a Tracing migration events in man and cattle by stable strontium isotope analysis of appositionally grown mineralized tissue. *International Journal of Osteoarchaeology* 13:96-103.
- Schweissing, M. M. and G. Grupe
2003b Stable Strontium Isotopes in Human Teeth and Bone: A Key to Migration Events of the Late Roman Period in Bavaria. *Journal of Archaeological Science* 30:1373-1383.
- Sealy, J., R. Armstrong and C. Schrire
1995 Beyond Lifetime Averages: Tracing Life Histories through Isotopic Analysis of Different Calcified Tissues from Archaeological Human Skeletons. *Antiquity* 69:290-300.
- Sealy, J. C., N. J. van der Merwe, A. Sillen, F. J. Kruger and H. W. Krueger
1991 $^{87}\text{Sr}/^{86}\text{Sr}$ as a Dietary Indicator in Modern and Archaeological Bone. *Journal of Archaeological Science* 18:399-416.
- Sellet, F., R. Greaves and P.-L. Yu (editors)
2006 *Archaeology and Ethnoarchaeology of Mobility*. University Press of Florida, Gainesville.

- Shackleton, J. and H. Elderfield
 1990 Strontium isotope dating of the source of Neolithic European *Spondylus* shell artefacts. *Antiquity* 64:312-315.
- Shaw, B., H. Buckley, G. Summerhayes, D. Anson, S. Garling, F. Valentin, H. Mandui, C. Stirling and M. Reid
 2010 Migration and mobility at the Late Lapita site of Reber-Rakival (SAC), Watom Island using isotope and trace element analysis: a new insight into Lapita interaction in the Bismarck Archipelago. *Journal of Archaeological Science* 37:605-613.
- Shaw, B., H. Buckley, G. Summerhayes, C. Stirling and M. Reid
 2011 Prehistoric migration at Nebira, South Coast of Papua New Guinea: New insights into interaction using isotope and trace element concentration analyses. *Journal of Anthropological Archaeology* 30(3):344-358.
- Shaw, B. J., G. R. Summerhayes, H. R. Buckley and J. A. Baker
 2009 The use of strontium isotopes as an indicator of migration in human and pig Lapita populations in the Bismarck Archipelago, Papua New Guinea. *Journal of Archaeological Science* 36:1079-1091.
- Siegel, P. E. (editor)
 1989a *Early Ceramic Population Lifeways and Adaptive Strategies in the Caribbean*. British Archaeological Reports, Oxford.
- Siegel, P. E.
 1989b Site structure, demography and social complexity in the early ceramic age of the Caribbean. In *Early Ceramic Population Lifeways and Adaptive Strategies in the Caribbean*, edited by P. E. Siegel, pp. 1-30. BAR International Series No. 506. British Archaeological Reports, Oxford.
- Siegel, P. E.
 1991 Migration research in Saladoid Archaeology: A Review. *Florida Anthropologist* 44(1):79-91.
- Siegel, P. E. and P. G. Roe
 1991 Maisabel Archaeological Project: A Long Term Multi-Disciplinary Investigation. In *Proceedings of the XII Congress of the International Association for Caribbean Archaeology*, edited by L. Sickler Robinson, pp. 109-116. Association Internationale d'Archéologie de la Caraïbe, Cayenne, French Guiana.
- Siegel, P. E.
 1992 Ideology, power, and social complexity in prehistoric Puerto Rico. PhD Dissertation, Department of Anthropology, State University of New York at Binghamton, New York.
- Siegel, P. E.
 1996 Ideology and Culture change in Prehistoric Puerto Rico: a view from the community. *Journal of Field Archaeology* 23(3):313-333.
- Siegel, P. E.
 1999 Contested Places and Places of Contest: The Evolution of Social Power and Ceremonial Space in Prehistoric Puerto Rico. *Latin American Antiquity* 10(3):209-238.
- Siegel, P. E.

- 2004 What happened after AD 600 in Puerto Rico? Corporate groups, population restructuring, and post-Saladoid social changes. In *Late Ceramic Age Societies in the Eastern Caribbean*, edited by A. Delpuech and C. L. Hofman, pp. 87-100. Paris Monographs in American Archaeology No.14. BAR International Series No.1273. Archaeopress, Oxford.
- Siegel, P. E. (editor)
2005 *Ancient Borinquen: Archaeology and Ethnohistory of Native Puerto Rico*. University of Alabama Press, Tuscaloosa.
- Siegel, P. E.
2010 Continuity and change in the evolution of religion and political organization on pre-Columbian Puerto Rico. *Journal of Anthropological Archaeology* 29(3):302-326.
- Siegel, P. E.
2011 Competitive Polities and Territorial Expansion in the Caribbean. In *Islands at the Crossroads: Migration, Seafaring, and Interaction in the Caribbean*, edited by L. A. Curet and M. W. Hauser, pp. 193-218. University of Alabama Press, Tuscaloosa.
- Sillen, A., G. Hall and R. Armstrong
1995 Strontium calcium Ratios (Sr/Ca) and strontium isotope ratios ($^{87}\text{Sr}/^{86}\text{Sr}$) of *Australopithecus robustus* and *Homo* sp. from Swartkrans. *Journal of Human Evolution* 28:277-285.
- Sillen, A. and J. C. Sealy
1995 Diagenesis of Strontium in Fossil Bone: A Reconsideration of Nelson *et al.* (1986). *Journal of Archaeological Science* 22(2):313-320.
- Sillen, A., G. Hall, S. Richardson and R. Armstrong
1998 $^{87}\text{Sr}/^{86}\text{Sr}$ Ratios in Modern and Fossil Food-webs in the Sterkfontein Valley: Implications for Early Hominid Habitat Preference. *Geochimica et Cosmochimica Acta* 62(14):2463-2478.
- Simonetti, A., M. R. Buzon and R. A. Creaser
2008 In-situ Elemental and Sr Isotope Investigation of Human Tooth Enamel By Laser Ablation-(MC)- ICP-MS: Successes and Pitfalls. *Archaeometry* 50(2):371-385.
- Sjaastad, L. A.
1962 The Costs and Returns of Human Migration. *The Journal of Political Economy* 70(No. 5, Part 2):80-93.
- Sjögren, K.-G., T. D. Price and T. Ahlström
2009 Megaliths and mobility in south-western Sweden. Investigating relationships between a local society and its neighbors using strontium isotopes. *Journal of Anthropological Archaeology* 28:85-101.
- Slovak, N. M., A. Paytan and B. A. Wiegand
2009 Reconstructing Middle Horizon mobility patterns on the coast of Peru through strontium isotope analysis. *Journal of Archaeological Science* 36:157-165.
- Smits, E., A. R. Millard, G. Nowell and D. G. Pearson
2010 Isotopic Investigation of Diet and Residential Mobility in the Neolithic of the Lower Rhine Basin. *European Journal of Archaeology* 13(1):5-31.

- Snow, D. R.
1995 Migration in Prehistory: The Northern Iroquoian Case. *American Antiquity* 60(1):59-79.
- Sofaer, J. R.
2006 *The Body as Material Culture: A theoretical osteoarchaeology*. Cambridge University Press, Cambridge.
- Sparkes, H. A., T. L. Varney, P. Courtaud, T. Romon and D. R. Watters
in press Reconstructing the Diet of the Enslaved from Two Archaeological Sites (Guadeloupe and Montserrat). *Caribbean Connections*.
- Speakman, R. J., H. Neff, M. D. Glascock and B. Higgins
2002 Characterization of Archaeological Materials by LA-ICP-MS. In *Archaeological Chemistry: Materials, Methods, and Meaning*, edited by K. Jakes. ACS Symposium Series. vol. 831. American Chemical Society, Washington D. C.
- Spence, M. W.
1976 Human Skeletal Material from the Oaxaca Barrio in Teotihuacan, Mexico. In *Archaeological Frontiers: Papers on New World High Cultures in Honor of J. Charles Kelley*, edited by R. B. Pickering, pp. 129-148. University Museum Studies. vol. No. 4. Southern Illinois University, Carbondale.
- Spielman, K. A. (editor)
1991 *Farmers, Hunters, and Colonists: Interactions between the Southwest and the Southern Plains*. University of Arizona Press, Tucson.
- Spielman, K. A. (editor)
1998 *Migration and Reorganization: The Pueblo IV Period in the American Southwest*. 51, Tempe.
- St. Jean, C.
2008 An investigation of the early Ostionan Ostionoid ceramic component of the El Cabo site, Dominican Republic. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- Stodder, A. L. W. and A. M. Palkovich
2007 Individuals and populations: Complementary domains in bioarchaeology. *American Journal of Physical Anthropology* 132(S44):226.
- Stokes, A. V.
1998 A Biogeographic Survey of Prehistoric Human Diet in the West Indies Using Stable Isotopes. PhD Dissertation, Department of Anthropology, University of Florida, Gainesville.
- Stokes, A. V.
2005 Ceramic-Age Dietary Patterns in Puerto Rico: Stable Isotopes and Island Biogeography. In *Ancient Borinquen: Archaeology and Ethnohistory of Native Puerto Rico*, edited by P. E. Siegel, pp. 185-201. University of Alabama Press, Tuscaloosa.
- Sued Badillo, J.
1995 The Island Caribs. In *Wolves from The Sea: Readings in the Anthropology of the Native Caribbean*, edited by N. L. Whitehead, pp. 64-91. KITLV Press, Leiden.
- Sullivan, S. D.

- 1981 Prehistoric Patterns of Exploitation and Colonization in the Turks and Caicos Islands. PhD Dissertation, Department of Anthropology, University of Illinois at Champaign-Urbana, Champaign-Urbana.
- Tabío, E.
1984 Nueva Periodización para el Estudio de las Comunidades Aborígenes de Cuba. *Islas* 78:37-57.
- Tacoma, J.
1991 Precolumbian Human Skeletal Remains from Curaçao, Aruba and Bonaire. In *Proceedings of the XIII International Congress for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Havisser, pp. 802-812. Reports of the Archaeological-Anthropological Institute of the Netherlands Antilles No. 9, Curaçao.
- Tafuri, M. A., R. A. Bentley, G. Manzi and S. di Lernia
2006 Mobility and kinship in the prehistoric Sahara: Strontium isotope analysis of Holocene human skeletons from the Acacus Mts. (southwestern Libya). *Journal of Anthropological Archaeology* 25:390-402.
- Távarez María, G. and F. Luna Calderón
2007 Estudios de Antropología Física del Cementerio de Macao, República Dominicana. In *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology*, edited by B. Reid, H. Petitjean Roget and A. Curet, pp. 692-701. The University of the West Indies, St. Augustine, Trinidad.
- Távarez María, G.
2008 *Informe de Antropología Física del Cementerio de Macao*. Museo del Hombre Dominicano.
- Thornton, E. K.
2011 Reconstructing ancient Maya animal trade through strontium isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) analysis. *Journal of Archaeological Science* 38:3254-3263.
- Thornton, E. K., S. D. Defrance, J. Krigbaum and P. R. Williams
2011 Isotopic Evidence for Middle Horizon to 16th Century Camelid Herding in the Osmore Valley, Peru. *International Journal of Osteoarchaeology* 21(5):544-567.
- Tiesler, V., A. Cucina, T. K. Manahan, T. D. Price, T. Ardren and J. H. Burton
2010 A Taphonomic Approach to Late Classic Maya Mortuary Practices at Xuenkal, Yucatan, Mexico. *Journal of Field Archaeology* 35(4):365-379.
- Toro-Labrador, G., O. R. Wever and J. C. Martínez-Cruzado
2003 Mitochondrial DNA Analysis in Aruba: Strong Maternal Ancestry of Closely Related Amerindians and Implications for the Peopling of Northwestern Venezuela. *Caribbean Journal of Science* 39(1):11-22.
- Torres, J. M. and R. Rodríguez Ramos
2008 The Caribbean: A Continent Divided by Water. In *Archaeology and Geoinformatics: Case Studies from the Caribbean*, edited by B. A. Reid, pp. 13-29. University of Alabama Press, Tuscaloosa.
- Torres, J. M.
2012 The Social Construction of Community, Polity, and Place in Ancient Puerto Rico (AD 600 - AD 1200). PhD Dissertation, Department of Anthropology, University of Florida, Gainesville.

- Trickett, M. A., P. Budd, J. Montgomery and J. Evans
2003 An assessment of solubility profiling as a decontamination procedure for the $^{87}\text{Sr}/^{86}\text{Sr}$ analysis of archaeological human skeletal tissue. *Applied Geochemistry* 18:653-658.
- Tung, T. A. and K. J. Knudson
2008 Social Identities and Geographical Origins of Wari Trophy Heads from Conchopata, Peru. *Current Anthropology* 49(5):915-925.
- Tung, T. A. and K. J. Knudson
2010 Childhood Lost: Abductions, Sacrifice, and Trophy Heads of Children in the Wari Empire of the Ancient Andes. *Latin American Antiquity* 21(1):44-66.
- Turner, B. L., G. D. Kamenov, J. D. Kingston and G. J. Armelagos
2009 Insights into immigration and social class at Machu Picchu, Peru based on oxygen, strontium, and lead isotopic analysis. *Journal of Archaeological Science* 36:317-332.
- Tykot, R. H.
2002 Contribution of stable isotope analysis to understanding dietary variation among the Maya. In *Archaeological Chemistry. Materials, Methods, and Meaning*, edited by K. Jakes, pp. 214-230. ACS Symposium Series. vol. 831. American Chemical Society, Washington, DC.
- Ulloa Hung, J.
2008 La alfarería del yacimiento Macao en el contexto de la arqueología Dominicana. *Boletín del Museo del Hombre Dominicano* 42:289-305.
- Valcárcel Rojas, R.
2002 *Banes precolumbino. La Ocupación Agrícola*. Ediciones Holguín, Holguín.
- Valcárcel Rojas, R.
2012 *El Chorro de Maíta, Cuba*. PhD Dissertation, Faculty of Archaeology, Leiden University, Leiden.
- Valcárcel Rojas, R. and C. A. Rodríguez Arce
2005 El Chorro de Maíta: Social Inequality and Mortuary Space. In *Dialogues in Cuban Archaeology*, edited by L. A. Curet, S. L. Dawdy and G. La Rosa Corzo, pp. 125-146. University of Alabama Press, Tuscaloosa.
- Valcárcel Rojas, R., M. Martín-Torres, J. Cooper and T. Rehren
2010 Turey Treasure in the Caribbean: Brass and Indo-Hispanic Contact at El Chorro de Maíta, Cuba. In *Beyond the Blockade: New Currents in Cuban Archaeology*, edited by S. Kepecs, L. A. Curet and G. La Rosa Corzo, pp. 106-125. University of Alabama Press, Tuscaloosa.
- Valcárcel Rojas, R., D. A. Weston, H. L. Mickleburgh, J. E. Laffoon and A. van Duijvenbode
2011 El Chorro de Maíta: A diverse approach to a context of diversity. In *Communities in Contact. Essays in archaeology, ethnohistory & ethnography of the Amerindian circum-Caribbean*, edited by C. L. Hofman and A. van Duijvenbode, pp. 225-252. Sidestone Press, Leiden.
- Valentine, B., G. D. Kamenov and J. Krigbaum
2008 Reconstructing Neolithic groups in Sarawak, Malaysia through lead and strontium isotope analysis. *Journal of Archaeological Science* 35:1463-1473.

- van der Merwe, N. J. and J. C. Vogel
1978 ^{13}C content of human collagen as a measure of prehistoric diet in woodland North America. *Nature* 276:815-816.
- van der Merwe, N. J., J. Lee-Thorp, J. F. Thackeray, A. Hall-Martin, F. J. Kruger, H. Coetzee, R. H. V. Bell and M. Lindeque
1990 Source-area determination of elephant ivory by isotopic analysis. *Nature* 346:744-746.
- van Duijvenbode, A.
2010 A study of artificial cranial modification among the indigenous peoples of the Circum-Caribbean. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- van Meel, E. B.
2012 Reviving Communities: A Paleodemographic Analysis of Several Sites in the Caribbean from Pre-Columbian and Early Colonial Times. Masters Thesis, Faculty of Archaeology, Leiden University, Leiden.
- van Soest, M. C., D. R. Hilton, C. G. Macpherson and D. P. Matthey
2002 Resolving Sediment Subduction and Crustal Contamination in the Lesser Antilles Island Arc: a Combined He–O–Sr Isotope Approach. *Journal of Petrology* 43(1):143-170.
- Vanhaeren, M., F. d'Errico, I. Billy and F. Grousset
2004 Tracing the source of Upper Palaeolithic shell beads by strontium isotope dating. *Journal of Archaeological Science* 31:1481-1488.
- Varney, T. L.
2003 Reconstructing Diet and Tracing Life Histories in Colonial Populations of the Northeastern Caribbean using Stable Carbon and Nitrogen Isotopes. PhD Dissertation, Department of Archaeology, University of Calgary, Alberta.
- Varney, T. L.
2007 Does Diet Reflect Group Membership? A Stable Isotope Analysis of Human Remains from the Royal Naval Hospital Cemetery at English Harbour, Antigua W.I. In *Proceedings of the XXI Congress of the International Association for Caribbean Archaeology*, edited by B. Reid, H. Petitjean Roget and A. Curet, pp. 667-676. University of the West Indies, St. Augustine, Trinidad.
- Veizer, J., D. Ala, K. Azmy, P. Bruckschen, D. Buhl, F. Bruhn, G. A. F. Carden, A. Diener, S. Ebner, Y. Godderis, T. Jasper, C. Korte, F. Pawellek, O. G. Podlaha and H. Strauss
1999 $^{87}\text{Sr}/^{86}\text{Sr}$, $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ evolution of Phanerozoic seawater. *Chemical Geology* 161:59-88.
- Veloz Maggiolo, M. and E. Ortega
1972 Excavaciones en Macao, República Dominicana. *Boletín del Museo del Hombre Dominicano* 2:157-175.
- Veloz Maggiolo, M.
1991 *Panorama histórico del Caribe precolumbino*. Banco Central de la República Dominicana, Santo Domingo.
- Veloz Maggiolo, M.

- 1993 *La isla de Santo Domingo antes de Colón*. Banco Central de la República Dominicana, Santo Domingo.
- Versteeg, A. H.
1991a *The Indians of Aruba*. Archaeological Museum of Aruba Vol. 4, Aruba.
- Versteeg, A. H.
1991b A Preceramic Burial Site at Malmok (Aruba). In *Proceedings of the XIII Congress of the International Association for Caribbean Archaeology*, edited by E. N. Ayubi and J. B. Haviser, pp. 105-126. Reports of the Archaeological-Anthropological Institute of Aruba No. 9, Curaçao.
- Versteeg, A. H.
1993 Malmok Revisited: Geometric Layout and Patterns in a Preceramic Cemetery. In *Proceedings of the XIV Congress of the International Association for Caribbean Archaeology*, edited by A. Cummins and P. King, pp. 115-122. Barbados Museum and Historical Society, Barbados.
- Versteeg, A. H. and S. Rostain
1997 *The Archaeology of Aruba: The Tanki Flip site*. Publications of the Foundation for Scientific Research in the Caribbean Region 126 8. Archaeological Museum Aruba, Oranjestad, Aruba.
- Versteeg, A. H., J. Tacoma and S. Rostain
1997 Burials and the Culture of Death at Tanki Flip. In *The Archaeology of Aruba: The Tanki Flip Site*, edited by A. Versteeg and S. Rostain. Publications of the Foundation for Scientific Research in the Caribbean Region 126. vol. 8. Archaeological Museum Aruba, Oranjestad, Aruba.
- Versteeg, A. H.
1999 Archaic Burial Sites and Cemeteries in the Western Caribbean. Paper presented at the 18th Congress of the International Association for Caribbean Archaeology, Grenada.
- Versteeg, A. H.
2001 Burials at the Santa Cruz Site (Aruba). Paper presented at the 19th Congress of the International Association for Caribbean Archaeology, Aruba.
- Vitousek, P. M., M. J. Kennedy, L. A. Derry and O. A. Chadwick
1999 Weathering versus atmospheric sources of strontium in ecosystems on young volcanic soils. *Oecologia* 121:255-259.
- Voerkelius, S., G. D. Lorenz, S. Rummel, C. R. Quéstel, G. Heiss, M. Baxter, C. Brach-Papa, P. Deters-Itzelsberger, S. Hoelzl, J. Hoogewerff, E. Ponzevera, M. Bockstaele and H. Ueckermann
2010 Strontium isotopic signatures of natural mineral waters, the reference to a simple geological map and its potential for authentication of food *Food Chemistry* 118(4):933-940.
- Vogel, J. C. and N. J. van de Merwe
1977 Isotopic Evidence for Early Maize Cultivation in New York State. *American Antiquity* 42(2):238-242.
- Vogel, J. C., B. Eglinton and J. M. Auret
1990 Isotope fingerprints in elephant bone and ivory. *Nature* 346:747-749.
- Wadge, G. and J. L. Wooden

- 1982 Late Cenozoic alkaline volcanism in the northwestern Caribbean: tectonic setting and Sr isotopic characteristics. *Earth and Planetary Science Letters* 57:35-46.
- Watters, D. R.
1982 Relating Oceanography to Antillean Archaeology: Implications from Oceania. *Journal of New World Archaeology* 5(2):3-12.
- Weigand, P., G. Harbottle and E. V. Sayre
1977 Turquoise sources and source analysis: mesoamerica and the southwestern U.S.A. In *Exchange Systems in Prehistory*, edited by T. K. Earle and J. E. Ericson, pp. 15-34. Academic Press, New York.
- Welton, M. L.
2010 Mobility and Social Organization on the Ancient Anatolian Black Sea Coast: An Archaeological, Spatial and Isotopic Investigation of the Cemetery at İköztepe, Turkey. PhD Dissertation, University of Toronto, Toronto.
- West, J. B., J. M. Hurley, F. Ö. Dudás and J. R. Ehleringer
2009 The Stable Isotope Ratios of Marijuana. II. Strontium Isotopes Relate to Geographic Origin. *Journal of Forensic Sciences* 54(6):1261-1269.
- West, J. B., G. J. Bowen, T. E. Dawson and K. P. Tu (editors)
2010 *Isoscapes: Understanding Movement, Pattern, and Process on Earth Through Isotope Mapping*. Springer, New York.
- Weston, D.
2010a Title. *Barge's Anthropologica*, in press.
- Weston, D. and R. Schats
2010 *Human Skeletal Report: Maisabel, Puerto Rico*. Leiden University.
- Weston, D.
2011a *Human Skeletal Report: Anse à la Gourde, Guadeloupe*. Leiden University.
- Weston, D.
2011b *Human Skeletal Report: Anse Lavoutte, St. Lucia*. Leiden University.
- Weston, D. A.
2010b *Demography and Ethnicity of the El Chorro de Maita Skeletal Population*. Leiden University.
- Whipkey, C. E., R. C. Capo, O. A. Chadwick and B. W. Stewart
2000 The importance of sea spray to the cation budget of a coastal Hawaiian soil: A strontium isotope approach. *Chemical Geology* 168:37-48.
- White, C., F. J. Longstaffe and K. R. Law
2004 Exploring the effects of environment, physiology and diet on oxygen isotope ratios in ancient Nubian bones and teeth. *Journal of Archaeological Science* 31:233-250.
- White, C. D., F. J. Longstaffe and H. P. Schwarcz
200 Social Directions in the Isotopic Anthropology of Maize in the Maya Region. In *Histories of Maize: Multidisciplinary Approaches to the Prehistory, Linguistics, Biogeography, Domestication, and Evolution of Maize*, edited by J. Staller, R. Tykot and B. Benz, pp. 143-159. Academic Press.
- White, C. D., M. W. Spence, H. L. Q. Stuart-Williams and H. P. Schwarcz

- 1998 Oxygen Isotopes and the Identification of Geographic Origins: The Valley of Oaxaca versus the Valley of Mexico. *Journal of Archaeological Science* 25:643-655.
- White, C. D., M. W. Spence, F. J. Longstaffe, H. Stuart-Williams and K. R. Law
2002 Geographic Identities of the Sacrificial Victims from the Feathered Serpent Pyramid, Teotihuacan: Implications for the Nature of State Power. *Latin American Antiquity* 13(2):217-236.
- White, C. D., T. D. Price and F. J. Longstaffe
2007 Residential Histories of the Human Sacrifices at the Moon Pyramid, Teotihuacan: Evidence from oxygen and strontium isotopes. *Ancient Mesoamerica* 18:159-172.
- White, C. D., F. J. Longstaffe, D. M. Pendergast and J. Maxwell
2009 Cultural embodiment and the enigmatic identity of the lovers from Lamanai. In *Bioarchaeology and Identity in the Americas*, edited by K. J. Knudson and C. M. Stojanowski, pp. 155-176. University Press of Florida, Tallahassee.
- White, P. E. and R. I. Woods (editors)
1980 *The Geographical Impact of Migration*. Longman Group, London.
- White, T. D. and P. A. Folkens
1999 *Human Osteology*. 2nd ed. Academic Press, New York.
- White, T. D. and P. A. Folkens
2005 *The Human Bone Manual*. Academic Press, Burlington.
- White, W. M. and J. Patchett
1984 Hf-Nd-Sr isotopes and incompatible element abundances in island arcs: implications for magma origins and crust-mantle evolution. *Earth and Planetary Science Letters* 67(2):167-185.
- Whitehead, N. L.
1995a Ethnic Plurality and Cultural Continuity in the Native Caribbean: Remarks and Uncertainties as to Data and Theory. In *Wolves from the Sea: Readings in the Anthropology of the Native Caribbean*, edited by N. L. Whitehead, pp. 91-111. KITLV Press, Leiden.
- Whitehead, N. L. (editor)
1995b *Wolves from the Sea: Readings in the Anthropology of the Native Caribbean*. KITLV Press, Leiden.
- Whitehead, N. L.
2011 *Of Cannibals and Kings: Primal Anthropology in the Americas*. Pennsylvania State University Press, University Park, PA.
- Willey, G. R., C. C. DiPeso, W. A. Ritchie, I. Rouse, J. H. Rowe and D. Lathrap
1956 An Archaeological Classification of Culture Contact Situations. In *Seminars in Archaeology: 1955*, edited by R. Wauchoppe, pp. 1-30. *Memoirs of the Society for American Archaeology* no. 11. Society for American Archaeology, Salt Lake City, Utah.
- Wilson, S. M.
1993 The Cultural Mosaic of the Indigenous Caribbean. *Proceedings of the British Academy* 81:37-66.
- Wilson, S. M. (editor)

- 1997 *The Indigenous People of the Caribbean*. University Press of Florida, Gainesville.
- Wilson, S. M.
2001 Cultural Pluralism and the Emergence of Complex Society in the Greater Antilles. In *Proceedings of the XVIII International Congress for Caribbean Archaeology*, pp. 7-12. Mission Archéologique, Grenada.
- Wilson, S. M.
2007 *The Archaeology of the Caribbean*. Cambridge University Press, Cambridge.
- Woods, C. A. (editor)
1989 *Biogeography of the West Indies: Past, Present, and Future*. Sandhill Crane Press, Gainesville.
- Woods, C. A. and F. E. Sergile (editors)
2001 *Biogeography of the West Indies: Patterns and Perspectives*. 2nd ed. CRC Press, Boca Raton, Florida.
- Wright, L. E. and H. P. Schwarcz
1998 Stable carbon and oxygen isotopes in human tooth enamel: identifying breastfeeding and weaning in prehistory. *American Journal of Physical Anthropology* 106:1-18.
- Wright, L. E. and H. P. Schwarcz
1999 Correspondence Between Stable Carbon, Oxygen and Nitrogen Isotopes in Human Tooth Enamel and Dentine: Infant Diets at Kaminaljuyú. *Journal of Archaeological Science* 26:1159-1170.
- Wright, L. E.
2004 Osteological Investigations of Ancient Maya Lives. In *Continuities and change in Maya archaeology*, edited by C. Golden and G. Borgsted, pp. 201-215. Routledge Press, New York.
- Wright, L. E.
2005 Identifying immigrants to Tikal, Guatemala: Defining local variability in strontium isotope ratios of human tooth enamel. *Journal of Archaeological Science* 32:555-566.
- Wright, L. E., J. A. Valdés, J. H. Burton, T. D. Price and H. P. Schwarcz
2010 The children of Kaminaljuyu: Isotopic insight into diet and long distance interaction in Mesoamerica. *Journal of Anthropological Archaeology* 29(2):155-178.
- Zelinsky, W.
1971 The Hypothesis of the Mobility Transition. *Geographical Review* 61(2):219-249.
- Zucchi, A. and K. Tarble
1984 *Los cedeñoides: un nuevo grupo prehispanico del Orinoco Medio*. Acta Científica Venezolana, Caracas.

