

2/28/2015

Curriculum Vitae

Name: **Susan C. Antón**
Birth Date: January 2, 1964
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Department of Anthropology
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Current Position:

Present-2011 **Professor**, Department of Anthropology, Center for the Study of Human Origins, New York University
2015-2014 **President-Elect**, American Association of Physical Anthropologists
Present-2003 **Director**, Masters Program in Physical Anthropology (Human Skeletal Biology), NYU

Previous Positions:

2014-2012 **Vice President**, American Association of Physical Anthropologists
Scientific Program Chair, AAPA Annual Meetings
2011 - 2003 **Associate Professor**, Department of Anthropology, Center for the Study of Human Origins, New York University.
2010 - 2005 **Joint Editor**, Journal of Human Evolution
2003 **Associate Professor**, Department of Anthropology, Rutgers University.
2003-2001 **Assistant Professor**, Department of Anthropology, Rutgers University.
Member, Center for Human Evolutionary Studies, Rutgers University to 2004
2003-1999 **Research Associate**, California Academy of Sciences, San Francisco
2000-1994 **Assistant Professor**, Department of Anthropology, University of Florida
Affiliated faculty, FLMNH, and Dept. of Geology
1993-1990 **Curator**, Institute of Dental History and Craniofacial Study, University of the Pacific, School of Dentistry, San Francisco, CA. [Human and nonhuman skull collections].

Education:

1994 **PhD** in Anthropology, University of California, Berkeley.
Dissertation: **Masticatory Muscle Architecture and Bone Morphology in Primates.**
(F.C. Howell, Chair; T.D. White, R.L. Full, and W.L. Hylander, readers)
1991 **M.A.** in Anthropology, University of California, Berkeley.
(Examining Committee: F.C. Howell, P. Dolhinow)
1987 **B.A.** in Anthropology: University of California, Berkeley (Summa Cum Laude).
Senior Thesis: **Artificial Vault Deformation and its Influence on the Cranial Base and Face.**
(F.C. Howell, Chair; J.D. Clark, Reader)

1982 Staples High School, Westport CT (Magna Cum Laude)

RESEARCH

Research Interests:

Evolution of genus *Homo* (esp. Origin of *Homo*; Origin and dispersal of *H. erectus*, Regional and secular variation in *H. sapiens*), Human skeletal biology, Human adaptation to marginal and island ecosystems, Growth and development, Behavioral and physical adaptation, Dispersal patterns and process, Evolutionary Morphology/Biomechanics, Forensic Anthropology, Bioarchaeology, Paleopathology.

Associations:

American Association for Advancement of Science, American Anthropological Association, American Academy of Forensic Sciences, American Association of Physical Anthropologists, Paleoanthropology Society, Society for American Archeology, Paleopathology Club, Paleopathology Association, American Association for Dental Research, American Society of Zoologists, Sigma Xi.

Research Grants:

- 2013 **Wenner Gren Foundation** - Doctoral Grant – Ecogeographical influences on trunk modularity in recent humans. P.I.: S.C. Antón for Emily Middleton. (\$15,215)
- 2013 **Leakey Foundation** - Research Grant – Ecogeographical influences on trunk modularity in recent humans. P.I.: S.C. Antón for Emily Middleton. (\$8,505)
- 2010-11 **Wenner Gren Foundation** – Spring Symposium - Human Biology and the Origin of *Homo*. P.I. S.C. Antón and L. Aiello. For workshop in Portugal, March 2011.
- 2009 **National Science Foundation** - Doctoral Dissertation Improvement Grant – Human Growth: Integrating Skeletal, Dental and Cranial Proxies of Growth to Understand Ontogeny in Pleistocene Genus *Homo*. P.I. S.C. Antón for Maja Seselj. (\$9,940; BCS-Physical Anthropology Program-0925861).
- 2009 **Wenner Gren Foundation** - Doctoral Grant – Human Growth Evolving: Integrating Dental and Skeletal Growth Proxies to Understand Life History. P.I.: S.C. Antón for Maja Seselj. (\$10,792).
- 2006-07 **National Science Foundation** – Workshop – New Directions in Physical Anthropology – Integrating Skeletal Morphology, Human Biology, and Primate Behavior P.I. S.C. Antón. (\$5,375; BCS-Physical Anthropology Program-0633167).
- 2006-08 **Wenner Gren Foundation** – Wadsworth International Training Fellowship – MA training for Ms. Habiba Chirchir of Kenya. P.I.: S.C. Antón for Habiba Chirchir. (\$17,000 per yr for 2 yrs).
- 2004 **National Science Foundation** – Acquisition of molecular Primatology DNA analysis system. P.I. T.R. Disotell, **Co-P.Is.:** S.C. Antón, A. Di Fiore, C. Jolly. (\$299,992; BCS-Major Research Instrumentation Program-0421040)
- 2003-2007 **National Science Foundation** – Late Pleistocene *H. erectus* in Java: Context of Ngandong, Sambungmacan and Jigar. P.I.: S.C. Antón. (\$105,000; BCS-Physical Anthropology-0317292).
- 2002 **American Association for the Advancement of Science (Women’s International Science Collaboration)** – Historical evidence for the context of Ngandong and Sambungmacan. (\$4,995). P.I.: S.C. Antón.

- 2002 **Center for Human Evolutionary Studies**, Rutgers – Excavation and site formation in the 20m terrace, Solo Valley, Java Indonesia. (\$5,500). P.I.: S.C. Antón.
- 2000-2001 **Ford Foundation Research Grant** – Related to The Evolution of Human Growth Patterns (\$2500). P.I.: S.C. Antón.
- 1999-2001 **National Geographic Society** - Mortuary Patterns on Mangaia, Cook Islands: Burial Caves and Rockshelters. P.I.'s: S.C. Antón and D.W. Steadman (\$25,850).
- 1999-2000 **Ford Foundation Postdoctoral Grant** - The Evolution of Human Growth Patterns (\$37,500). P.I.: S.C. Antón.
- 1999-2000 **National Science Foundation - Undergraduate Research Experience Supplement for** - Australian Cranial Traits: Function Development, and Modern Human Origins (\$1,550).
- 1998-2001 **National Science Foundation** - Australian Cranial Traits: Function Development, and Modern Human Origins,. P.I.: S.C. Antón. (\$50,000; BCS 9804861)
- 1997 **L.S.B. Leakey Foundation** - Australian Cranial Traits: Mastication and Modern Human Origins (\$7,000). P.I.: S.C. Antón.
- 1996 **Interdisciplinary Research Initiative, University of Florida** - Trouble in Paradise: Prehistoric social and environmental stress in Polynesia. P.I.'s are D.W. Steadman (Florida Museum of Natural History), S.C. Antón, and L. Norr (Dept. Anthropology, UF) (\$48,990).
- 1995 **Florida Foundation, Division of Sponsored Research, University of Florida** - Evolution of *Homo erectus* in Indonesia. (\$10,544). P.I.: S.C. Antón.
- 1992 **Wenner-Gren Foundation for Anthropological Research** - Phylogenetic and Functional Influences on Primate Masticatory Muscle Architecture. Dissertation grant with F.C. Howell Grant #5481 (\$7,600).
- 1992 **L.S.B. Leakey Foundation** - Phylogenetic and Functional Influences on Japanese Macaque Masticatory Muscle Architecture. Dissertation grant with F.C. Howell (\$3,925).
- 1992 **Thayer Fund** - Educational Exhibits on Dental Evolution (\$3,900). P.I.: S.C. Antón.
- 1990 **Sigma Xi Small Research Grant** - Pilot project on masticatory musculature in rabbits (\$700). P.I.: S.C. Antón.
- 1989 **Ronald Olson Graduate Scholarship**. Department of Anthropology, UCB. For research project on Facial Changes Subsequent to Artificial Vault Deformation (\$374). P.I.: S.C. Antón.

Research Honors and Awards:

- 2008 **Fellow, American Association for the Advancement of Science.**
- 2003 **Board of Trustees Research Fellowship for Scholarly Excellence, Rutgers University** – one of four FAS faculty.
- 1998 **University of Florida President's 'View Book'** - One of two CLAS faculty to represent the University to the legislature and donors.
- 1987 **Academic All American Collegiate Award.**

- 1986 **Golden Key National Honor Society.**
- 1985 **Phi Beta Kappa** (Elected as a Junior).
- 1982 **Biological Sciences Award**, Fairfield County Medical Association.

Fellowships/Scholarships:

- 1999 **Ford Foundation Postdoctoral Diversity Fellow.** University of California, Santa Cruz
- 1993 **Ford Foundation Dissertation Year Fellowship for Minorities.**
- 1988 **National Science Foundation Graduate Fellow.**
- 1987 **National Fellow** (Jacob K. Javits Fellow). U.S. Department of Education.
- 1987 **Ronald Olson Graduate Scholarship.** Department of Anthropology, UCB. (Travel Funds).
- 1986 **Torch and Shield Women's Honor Society Alumni Scholarship.** UCB.

Research Groups and Apprenticeships:

- 2006-present **Bones and Behavior Working Group** – Co-director and Founding member.
www.bonesandbehavior.org presenting the integrated data collection protocols and program from NSF funded workshop BCS 0633167
- 2004-present **Koobi Fora Research Project** –hominin morphology group member; directed by M.G. Leakey and L.N. Leakey. <http://www.kfrp.com/>
- 1989 **Research apprenticeship in biomechanics** with Dr. Sharon Swartz, Departments of Cell Biology and Anatomy and Anthropology, Northwestern University, Chicago IL.

Field Projects:

- ongoing **Excavation and site formation analysis of the 20 meter terrace, Solo River Valley, Java Indonesia.** Co-Director with Dr. E. Indriati.
- 1997-present **Rock-shelter Excavation and Burial Cave Reconnaissance: Human behavioral and physical adaptation in an island ecosystem. Mangaia, Cook Islands.** Co-PI with Dr. D.W. Steadman.
- 1996-98 **Paleomagnetic Sampling of Indonesian Hominid Sites.** with Drs. C.C. Swisher, G. Curtis, G. Scott, and J. Butterworth.
- 8/93-6/93 **Anatolian Survey Project**, North and East Anatolian Fault zones, Turkey. Joint UCB-University of Ankara field project. Dr. F.C. Howell, Dr. T.D. White, and Dr. E. Gulec, Directors.
- 2/93 **Mojokerto Dating Project**, Java, Indonesia. Paleomagnetic sampling. Dr. G. Curtis and Dr. C.C. Swisher, Directors.
- 8/84-7/84 **L'Arbreda Cave**, Banyoles Spain; **Cova 120**, Olot Spain. Dr. Narcis Soler, Director;
- 7/84-6/84 **Arago Cave**, Tautavel France. Dr. Henri de Lumley, Director.

Books and Monographs:

- 2012 Antón, S.C. and Aiello, L.C., Editors. **Human Biology and the Origin of Homo.** Current Anthropology, Wenner-Gren Symposium Issue. 53(S6).

- 2008 Stanford, C.B., Allen, J.S. and **Antón, S.C.** *Exploring Biological Anthropology*. Pearson-Prentice Hall. (published and available Feb 2007)
- 2010 - *Exploring Biological Anthropology*, 2nd edition. (published and available Feb 2009)
- 2013 - *Exploring Biological Anthropology*, 3rd edition. (published and available July 2012)
- 2006 Stanford, C.B., Allen, J.S. and **Antón, S.C.** *Introduction to Biological Anthropology: A Natural History of Humankind*. Pearson-Prentice Hall. Prentice Hall Humanities and Social Sciences Book of the Year, 2005. (published and available Feb 2005)
- 2009 - *Introduction to Biological Anthropology: A Natural History of Humankind*. 2nd edition. (published and available Feb 2008)
- 2013 - *Introduction to Biological Anthropology: A Natural History of Humankind*. 3rd edition. (published and available Aug 2011)
- In prep Stanford, C.B., Fagan, B.M., Allen, J.S. and **Antón, S.C.** *Biological Anthropology and Archaeology*. Pearson-Prentice Hall. (under contract)
- In prep Crowder, C., **Antón, S.C.**, and Rainwater, C. *Interpreting Life from the Skeleton: Introduction to Forensic Anthropology*. Pearson-Prentice Hall. (under contract)

Peer-Reviewed Journal Articles:

- 2014 Antón, S.C., Potts, R., Aiello, L.C. **Evolution of early *Homo*: An integrated biological perspective**. *Science* 345:45 and DOI: 10.1126/science.1236828-1 to 1236828-13.
- 2013 Masao, F.T., Antón, S.C., Njau, J. K. **Results of recent investigations of the Oldowan and associated hominid remains at the DK site, Olduvai Gorge: A conservation exercise**. Proceedings international symposium africa, cradle of humanity: recent discoveries. Travaux Centre National Recherche Préhistoriques, Anthropologiques et Historiques N.S. 18:147-168.
- 2012 Antón, S.C. **Early *Homo*: Who, when and where**. In, Antón, S.C. and Aiello, L.C., Editors. *Human Biology and the Origins of Homo*. *Current Anthropology* 53(S6):S278–S298.
- 2012 Aiello, L. C., and **Antón, S.C.** **Human biology and the origins of *Homo*: An introduction to supplement 6**. *Current Anthropology* 53(S6):S269–S277.
- 2012 Antón, S. C. and Snodgrass, J.J. **Origin and evolution of early *Homo*: A new perspective**. In, Antón, S.C. and Aiello, L.C., Editors. *Human Biology and the Origins of Homo*. *Current Anthropology* 53(S6):S479–S496.
- 2012 Leakey, M.G., Spoor, F., Dean, M.C., Feibel, C.S., **Antón, S.C.**, Kiarie, C. & Leakey, L.N. **New fossils from Koobi Fora in northern Kenya confirm taxonomic diversity in early *Homo***. *Nature*. 488: 201–204. doi:10.1038/nature11322
- 2011 Indriati E, Swisher CC III, Lepre C, Quinn RL, Suriyanto RA, Agus T. H., Grün R., Feibel, C.S., Pobiner, B.L., Aubert, M., Lees, M. and **Antón, S.C.** **The age of the 20 meter Solo River Terrace, Java, Indonesia and the survival of *Homo erectus* in Asia**. *PLoS ONE* 6(6): e21562. (doi:10.1371/journal.pone.0021562).

- 2011 Vannucci R.C., Barron T.F., Lerro D., **Antón S.C.**, Vannucci, S.J. **Craniometric measures during development using MRI**. *NeuroImage*. 56(4): 1855-1864. (doi:10.1016/j.neuroimage.2011.03.044)
- 2011 Antón, S.C., DeLeon, V.B., and Carter-Menn, H.C. **Modern human origins: Continuity, replacement, and masticatory robusticity in Australasia**. *Journal of Human Evolution*. 60:70-82.
- 2010 Indriati, E. and **Antón, S.C.**, **The calvaria of Sangiran 38, Sendangbusik, Sangiran Dome, Java**. *Homo: Journal Comparative Human Biology*. 61:225–243.
- 2008 Indriati, E. and **Antón, S.C.**, **Earliest Indonesian facial and dental remains from Sangiran, Java: A description of Sangiran 27**. *Anthropological Science*. 116:219-229. ONLINE ISSN:1348-8570
- 2008 Spoor, F., Leakey, M.G., **Antón, S.C.**, and Leakey, L.N. **The taxonomic status of KNM-ER 42700: A reply to Baab (2008)**. *Journal of Human Evolution*. 55:747-750.
- 2008 Griffin, N., Gordon, A., Richmond, B., **Antón, S.C.** **Cross-sectional geometric analysis of a foot bone assemblage from Mangaia, Cook Islands**. *Homo: Journal of Comparative Human Biology*. 59:27-40. (doi:10.1016/j.jchb.2006.08.008)
- 2007 Spoor, F., Leakey, M.G., Gathogo, P.N., Brown, F.H., **Antón, S.C.**, McDougall, I., Kiarie, C., Manthi, F.K., and Leakey, L.N. **Implications of new early *Homo* fossils from Ileret, East Lake Turkana (Kenya)**. *Nature* 448:688-691.
- 2007 Antón, S.C., **Climatic influences on the evolution of Early *Homo*?** *Folia Primatologica*. (*Special Issue on Climate and Primate Evolution*. Christophe Soligo, ed.) 78:365-388 (DOI: 10.1159/000105150).
- 2007 Clark, J., Dobson, S., **Antón, S.C.**, Hawks, J., Hunley, K., and Wolpoff, M.H. **Identifying artificially deformed crania**. *International Journal Osteoarchaeology*. 17(6):596-607 (DOI: 10.1002/oa.910).
- 2005 Antón, S.C. ***Homo erectus***. *McGraw Hill Yearbook of Science and Technology*, 2005:142-144. (solicited, peer-reviewed article).
- 2004 Antón, S.C. and Swisher, C.C. III. **Early dispersals of *Homo* from Africa**. *Annual Review of Anthropology* 33:271-96. (solicited, peer-reviewed article).
- 2004 Antón, S.C. **The face of Olduvai Hominid 12**. *Journal Human Evolution*. 46:337-347. (DOI:10.1016/j.jhevol.2003.12.005)
- 2003 Antón, S.C. **A Natural History of *H. erectus***. *Yearbook of Physical Anthropology* 46:126-170.
- 2003 Antón, S.C. and Steadman, D.W. **Mortuary patterns in burial caves on Mangaia, Cook Islands**. *International J. Osteoarchaeology*. 13:132-146.
- 2002 Antón, S.C., Leonard, W.R. and Robertson, M. **An ecomorphological model of the initial hominid dispersal from Africa**. *Journal Human Evolution*. 43:773-785.
- 2002 Antón, S.C., Márquez, S., and Mowbray, K. **Sambungmacan 3 and cranial variation in Asian *Homo erectus***. *Journal Human Evolution*. 43:555-562.
- 2002 Antón, S.C. **Evolutionary significance of cranial variation in Asian *Homo erectus***. *American J. Physical Anthropology*. 118:301-323.

- 2001 Gabunia, L., **Antón, S.C.**, Lordkipanidze, D., Vekua, A., Swisher, C.C., Justus, A. **Dmanisi and dispersal**. *Evolutionary Anthropology* 10(5):158-170.
- 2001 Antón, S.C. **Cranial evolution in Asian *H. erectus*: The Ngandong hominids**. Geological Research and Development Centre Special Publication No. 27:39-46.
- 2000 Steadman, D.W., **Antón, S.C.**, Kirch, P.V. **Ana Manuku: A prehistoric ritualistic site on Mangaia, Cook Islands**. *Antiquity* 74:873-83.
- 2000 Antón, S.C. and Polidoro, G. **Prehistoric radio-ulnar synostosis: Implications for function** *International J. Osteoarchaeology*. 10:189-197.
- 2000 Gabunia, L., Vekua, A., Lordkipanidze, D., Swisher, C.C., Ferring, R., Justus, A., Nioradze, M., Tvalchrelidze, M., **Antón, S.C.**, Bosinski, G., Joris, O., Lumley, M.-A. de, Majsuradze, G., Mouskhelishvili, A. **Earliest Pleistocene cranial remains from Dmanisi, Republic of Georgia: Taxonomy, geological setting, and age**. *Science*. 288:1019-1025.
- 2000 Antón, S.C. **Macaque pterygoid muscles: Internal architecture, fiber length, and cross-sectional area**. *Int. J. Primatology*. 21:131-156.
- 1999 Antón, S.C. **Macaque masseter muscle: Internal architecture, fiber length, and cross-sectional area**. *Int. J. Primatology*. 20:441-462.
- 1999 Antón, S.C. **Cranial growth in *H. erectus*: How credible are the Ngandong juveniles?** *American J. Physical Anthropology*. 108:223-236.
- 1999 Antón, S.C. and Weinstein, K.J. **Artificial deformation and fossil Australians revisited**. *J. Human Evolution*. 36:195-209.
- 1998 Pedersen, S.C. and **Antón, S.C.** **Bicoronal synostosis in a child from historic Omaha Cemetery 25DK10**. *American J. Physical Anthropology*. 105:369-376.
- 1997 Antón, S.C. and Franzen, J.L. **The occipital torus and developmental age of Sangiran-3**. *J. Human Evolution*. 33:599-610.
- 1997 Antón, S.C. **Developmental age and taxonomic affinity of the Mojokerto child, Java, Indonesia**. *American J. Physical Anthropology*, 102:497-514.
- 1997 Antón, S.C. **Endocranial hyperostosis in Sangiran-2, Gibraltar-1, and Shanidar-5**. *American J. Physical Anthropology*, 102:111-122.
- 1997 Swisher, C.C. III, Rink, W.J., Schwarcz, H.P., and **Antón, S.C.** **Reply to Grün and Thorne on Latest *Homo erectus*, in Java: Potential contemporaneity with *Homo sapiens* in Southeast Asia**. *Science*, 276:1575-1576.
- 1996 Swisher, C.C. III, Rink, W.J., **Antón, S.C.**, Schwarcz, H.P., Curtis, G., Suprijo, A., Widiasmoro. **Latest *Homo erectus*, in Java: Potential contemporaneity with *Homo sapiens* in Southeast Asia**. *Science*, 274:1870-1874.
- 1996 Antón, S.C. **Tendon-associated bone features of the masticatory system in Neandertals** *J. Human Evolution*, 31:391-408.
- 1996 Antón, S.C. **Cranial adaptation to a high attrition diet in Japanese macaques**. *International J. Primatology*, 17: 401-427.

- 1992 Antón, S.C., Jaslow, C.R., and Swartz, S.M. **Sutural complexity in artificially deformed human crania**. *J. Morphology* 214:321-332.
- 1991 Richards, G.D. and Antón S.C. **Cranio-facial configuration and postcranial development of a hydrocephalic child: With a review of cases and comment on diagnostic criteria**. *American J. Physical Anthropology* 85(2):185-200.
- 1989 Antón, S.C. **Intentional cranial vault deformation and induced changes in the cranial base and face**. *American J. Physical Anthropology*. 79:253-267.
- 1987 Richards, G.D. and Antón, S.C. **The Berkeley Primate Skeletal Collection: A new resource for studies in paleopathology**. *Paleopathology Newsletter*. 57:8-11.

Editor-Reviewed Papers

- 2014 Antón, S.C., Middleton, E.R., 2014. **Homo ergaster**. *Encyclopedia of Global Archaeology*, Springer Verlag, New York, pp. 3461-3463.
- 2014 Middleton, E.R., Antón, S.C., 2014. **Homo erectus**. *Encyclopedia of Global Archaeology*. Springer Verlag, New York, pp. 3456-3461.
- 2014 Pontzer, H., Antón, S.C., Lordkipanidze, D. 2014. **Dmanisi**. *Encyclopedia of Global Archaeology*. Springer Verlag. New York, pp. 2146-2149.
- 2009 Antón, S.C. **The importance of variation**. Invited essay and audio interview. Posted November 2009: On the National Science Foundation website “Evolution of Evolution: 150 Years of Darwin’s Origin of Species” http://www.nsf.gov/news/special_reports/darwin/home.jsp
- 2007 Antón, S.C. **Of burnt coffee and pecan pie: Recollections of F. Clark Howell on his birthday, Nov 27, 1927-March 10, 2007**. *PaleoAnthropology* 2007:36-52.
http://www.paleoanthro.org/journal/contents_dynamic.asp;
<http://www.paleoanthro.org/journal/content/PA20070036.pdf>; ISSN 1545-0031.
- 2000 Antón, S.C. **The secret of success (dispersal and Homo erectus)**. British Broadcasting Corporation web coverage for “Ape-Man”.
http://www.bbc.co.uk/science/apeman/dig_deeper/articles.shtml
- 1993 Antón, S.C. **Lessons from the past: The A.W. Ward Museum of Dentistry, University of the Pacific**. *Bulletin of the History of Dentistry* 41(1):35-37.
- 1991 Rose, J.C., Antón, S.C., Aufderheide, A.C., Eisenberg, L., Gregg, J.B., Neiburger, E.J., and Rothschild, B. **Skeletal database committee recommendations**. *Paleopathology Newsletter Supplement*, January 1991. Revised edition, September 1991 Supplement.
- 1990 Antón, S.C. **Neandertals and the anterior dental hypothesis: A biomechanical evaluation of bite force production**. *Kroeber Anthropological Society Papers* 71-72:67-76.

Monograph and Book Chapters (Editor Reviewed/Peer Reviewed):

- In press Anderson, P.K. and Antón, S.C. **Patterns of bone modification in archaeological sites on Mangaia, Cook Islands, Polynesia**. In PV Kirch and D.W. Steadman (eds.): *Tangataau (MAN-44): Human Impact in the Cook Islands*. Archaeological Resource Facility, Reports, University of California, Berkeley. (editor reviewed)
- 2013 Antón, S.C. **Homo erectus and related taxa**. In: *A Companion to Paleoanthropology* Begun, D.R., ed. *Wiley-Blackwell Publishing*. (peer reviewed) pp.497-516.

- 2008 Antón, S.C. **Framing the question: Diet and evolution in early *Homo***. In: *Primate Craniofacial Function and Biology: Papers in Honor of Bill Hylander*. Vinyard, C.J., Wall, C.E., and Ravosa, M.J., eds. *Springer Science*. (peer reviewed) pp.443-482.
- 2007 Antón, S.C., Spoor F., Fellmann, C.D., and Swisher, C.C. III. **Defining *Homo erectus*: Size considered**. In: *Handbook of Paleoanthropology, Volume 3*, Henke, W. and Tattersall, I. (eds). Springer-Verlag, Berlin. (peer reviewed) **Chapter 11**; pp. 1655-1693.
- 2005 Antón, S.C. **Commentary: A discussion of ethical issues in skeletal biology**. In T.R. Turner (ed.): *Biological Anthropology and Ethics: From Repatriation to Genetics*. State University of New York Albany, Press. **Chapter 10**. (peer reviewed)
- 2003 Antón, S.C. and Leigh, S.R. **Growth and life history in *Homo erectus***. In J. Thompson, G. Krovits and A. Nelson (eds). *Patterns of growth and development in the genus *Homo**. Cambridge University Press. **Chapter 9**, pages 219-245. (peer reviewed)
- 2002 Antón, S.C. **Cranial growth in *Homo erectus***. In N. Minugh-Purvis and K.J. McNamara (eds.): *Human Evolution Through Developmental Change*. Johns Hopkins University Press. **Chapter 16** pp. 349-380. (peer reviewed)
- 2001 Antón, S.C. and Swisher, C.C. III. **Evolution and variation of cranial capacity in Asian *Homo erectus***. *A Scientific Life: Papers in Honor of Professor Dr. Teuku Jacob*. Indriati, E, (editor) Antón, SC and Kurtz, J (assistant editors). Bigraf Publishing: Yogyakarta, Indonesia. p. 25-39. (editor reviewed).
- 2001 Antón, S.C, Aziz, F., Zaim, Y. **Dispersal and migration in Plio-Pleistocene *Homo***. In: Phillip V. Tobias, Mike A. Raath, Jacopo Moggi-Cecchi and Gerry A. Doyle (eds.): *Humanity from African Naissance to Coming Millennia - Colloquia in Human Biology and Palaeoanthropology*. Florence University Press. Pp. 91-102. (peer reviewed)
- 1994 Antón, S.C. **Biomechanical and other perspectives on the Neandertal face**. In R. Corruccini and R. Ciochon (eds.): *Integrated Pathways to the Past, Festschrift in honour of F.C. Howell*. Prentice-Hall. (**Chapter 29**). (editor reviewed)
- 1988 Antón, S.C. **Bony criteria for differentiation of metastatic carcinoma, multiple myeloma, major infectious diseases and hyperparathyroidism: A case study approach**. In G.D. Richards (ed.): *Human Skeletal Biology: Contributions to the Understanding of California's Prehistoric Populations*. Archives of California Prehistory, no 24. pp. 43-68. (editor reviewed)

Book and other Reviews:

- 2000 Antón, S.C. **Drama of evolution: A flawed look at the history of our species**. *Archaeology* November/December pp. 88-89.
- 1996 Antón, S.C. and Warren, M.W. **Book Review: Rogers, J. and T. Waldron. A Field Guide to Joint Disease in Archaeology**. *Human Biology* 8:409-410.
- 1995 Antón, S.C. **Book Review: Stringer, C. and C. Gamble. In Search of Neanderthals**. *American J. Human Biology* 7:775-776

Technical Reports

- 2009 Antón, S.C. and Worthington, B.E. **Appendix B: Osteological Analysis of the Palencia Dog (Canid Remains from Palencia, St. Augustine, FL)**. In *The North River Settlements of Colonial St. Augustine: Archaeological Excavations at the Mission Perior and Second Spanish Period*

Components of the Shannon Road Midden Site (8SJ3149) Volume I: Final Report for Marshall Creek Ltd, St. Augustine, FL. Appendix B, 21 pages.

- 2008 Antón, S.C. **Chapter 8. Human Remains from the Río Tanamá sites (AR-38 and AR-39).** In L.A. Carlson, Ed. *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.* Volume 1: Final Report for U.S. Army Corps of Engineers, Jacksonville District. Pp.149-190.
- 2000 Holson, J., Gargett, R., **Antón, S.**, Hager, L., Milliken, R., Jackson, T. L., Bennyhoff, J., Goddard, S., Orlins, R., Alexander, E., Gobalet, K., Simons, D. D., Skinner, E. and Ainsworth, P. **Data Recovery Excavations for the Wildcat and San Pablo Creeks Flood Control and Water Resources Project at CA-CCO-269, -270, -600, and -601, Contra Costa County, California. Pacific Legacy, Inc. and California Archaeological Consultants, Albany and Woodland, CA.** Prepared for U.S. Army Engineering District, Sacramento Corps of Engineers, 1325 J Street, Sacramento, CA 95814-2922. Contract number DACW05-87-C-0026. Report on file
- 1999 Antón, S.C. **Appendix I. Human bones from prehistoric sites in the Mariana Islands, Identifications.** *Final Report to U.S. Fish and Wildlife Service 'Determining the Natural Distribution of Resident Birds in the Mariana Islands'* by D.W. Steadman, pp.59-60.
- 1991 **Educational Slide Sets** S.R. Atkinson collection, University of the Pacific School of Dentistry. **Three Slide Sets: I: Cranial Trauma, II: Congenital Craniofacial Conditions, III: Dental Development and Pathology.** Available through the Institute of Dental History and Craniofacial Study, University of the Pacific School of Dentistry, San Francisco, CA.
- 1991 Antón, S.C. **A Burial from NAS-Fallon, NV.** *Report for the US Department of the Navy, Basin Research Associates.* On file with the State Archives.

Contributed Papers/Posters - National:

- 2014 Antón, S.C, Middleton, E.R., Madimenos, F.C., and Snodgrass J. J. **Integrating datasets in biological anthropology: An introduction to the Bones and Behavior Project.** *Invited Poster Symposium.* American Journal Physical Anthropology, Supplement 58: 68.
- 2014 Madimenos, F.C., Antón, S.C, and Snodgrass J. J. **The Bones and Behavior Project protocol for the standardization of human skeletal measurements.** *Invited Poster Symposium.* American Journal Physical Anthropology, Supplement 58: 174.
- 2014 Cepon-Robins, T.J., Antón, S.C, Crowder, C.M., Duren, D.L., Fernandez-Duque, E., Leigh, S.R., Madimenos, F.C., McGraw, W.S., Middleton, E.R., Rainwater, C.W., Schmitt, C.A., Sherwood, R.J., Stinson, S., Stubblefield, P., Turner, T.R., Vallengia, C., and Snodgrass J. J. **Next steps and best practices in primatology, human biology, forensic anthropology, and paleoanthropology for the Bones and Behavior Project.** *Invited Poster Symposium.* American Journal Physical Anthropology, Supplement 58: 92-93.
- 2013 Antón, S.C and Snodgrass J. J. **Life history transitions and the origin of genus *Homo*.** *Plenary Poster Session.* American Journal Physical Anthropology, Supplement 56: 68-69.
- 2013 Antón, S.C and Snodgrass J. J. **Greener Pastures? Climate variability and dispersals in early *Homo*.** *Invited Podium Session.* Society of American Archaeologists. Abstract volume 78th :43.
- 2011 Indriati, E., and Antón, S.C. **Anatomy and isolation in mid/late Pleistocene Indonesia: New insights on the age and anatomy of the hominins from the Solo River Valley.** *Invited Symposium, Muddles in the Middle: Current Perspectives on middle Pleistocene Human Evolution.* Wang and Freidline, organizers. American Journal Physical Anthropology,

- Supplement. American Journal Physical Anthropology, Supplement 52: 173.
- 2011 Antón, S.C and Ruff, C.B. **Data archiving as a prerequisite for publication.** *Invited Symposium, Data Management in the 21st Century: Integrating Bio-, and Geo-informatics in Physical Anthropology.* Reed, D. and Campisano, organizers. American Journal Physical Anthropology, Supplement . American Journal Physical Anthropology, Supplement 52: 77–78.
- 2010 Indriati, E., Swisher, C.C. III, Lepre, C., Quinn, R.L., Suriyanto, R.A., Hascaryo, A.T., Feibel, C.S., Pobiner, B.L., **Antón, S.C., The age of the 20 meter Solo River Terrace, Ngandong, Java, Indonesia: Redux.** American Journal Physical Anthropology, Supplement 50:132.
- 2010 Indriati, E., Swisher, C.C. III, Lepre, C., Quinn, R.L., Suriyanto, R.A., Hascaryo, A.T., Feibel, C.S., Pobiner, B.L., **Antón, S.C., The age of the 20 meter Solo River Terrace, Ngandong, Java, Indonesia: Redux.** Abstracts of the PaleoAnthropology Society 2010 Meetings. PaleoAnthropology 2010:A15.
- 2010 Quinn, R.L., Jones, S., **Antón, S.C., Detecting cannibalism with stable isotopes?** Society American Archaeology. April 2010.
- 2010 Stubblefield, P., Snodgrass, J.J., **Antón, S.C.,** Crowder, C., Di Fiore, A., Duren, D.L., Fernandez-Duque, E., Leonard, W.R., Leigh, S.R., Madimenos, F.C., McGraw, W.S., Middleton, E., Schmitt, C., Sherwood, R.J., Stinson, S., Turner, T., Valleggia, C.R., White, F.J. **Integrative measurement protocol incorporating morphometric and behavioral research tools from forensic anthropology, human biology, and primatology.** American Academy of Forensic Sciences. February 2010. Proc. Amer. Acad. For. Sci. 16:366.
- 2009 Antón, S.C., Snodgrass, J.J., Crowder, C., Di Fiore, A., Duren, D.L., Fernandez-Duque, E., Leonard, W.R., Leigh, S.R., Madimenos, F.C., McGraw, W.S., Middleton, E., Schmitt, C., Sherwood, R.J., Stinson, S., Stubblefield, P., Turner, T., Valleggia, C.R., White, F.J. **Integrative measurement protocol for morphological and behavioral research in human and nonhuman primates.** American Journal Physical Anthropology, Supplement 48:78-79.
- 2009 Snodgrass, J.J., **Antón, S.C.,** Crowder, C., Di Fiore, A., Duren, D.L., Fernandez-Duque, E., Leonard, W.R., Leigh, S.R., Madimenos, F.C., McGraw, W.S., Middleton, E., Schmitt, C., Sherwood, R.J., Stinson, S., Stubblefield, P., Turner, T., Valleggia, C.R., White, F.J. **Integrative measurement protocol for morphological and behavioral research in human biology.** Human Biology Association.
- 2009 Spoor, F. **Antón, S.C.,** Leakey, M.G., and Leakey, L.N. Cranial growth Among late juvenile to young adult *H. erectus* (abstract) *Invited Paper.* Abstracts of the PaleoAnthropology Society 2009 Meetings. PaleoAnthropology 2009, A-33.
- 2008 Antón, S.C., Carter-Menn, H., and DeLeon, V. **Intraspecific relationships of molar size, jaw size, and mandibular cross-sectional area in *Homo*** American Journal Physical Anthropology, Supplement 46:60.
- 2007 Leonard, W.R., Robertson, M.L., **Antón, S.C,** **Ecological correlates of the initial spread of hominids from Africa.** *Invited Symposium,* American Journal Physical Anthropology, Supplement 44:154.
- 2007 Antón, S.C., Quinn, R.L., Pobiner, B., Emera, D., Solomon, I., Disotell, T.R., Steadman, D.W. **New evidence for ritual activity, relatedness, and diet in the precontact Cook Islands** American Journal Physical Anthropology, Supplement 44:65.

- 2006 Antón, S.C. **Species and varieties of early *Homo***. *Invited Symposium*, Semispecies, allotaxa, and hybrid zones in human evolution. Cartmill, Holliday and Smith, organizers. American Journal Physical Anthropology, Supplement 42:57.
- 2006 Pobiner, B. Ridgely A., Antón, S.C. **Stone tool marks on precontact human remains from Mangaia, Cook Islands: anthropophagy or bone tool production?** American Journal Physical Anthropology, Supplement 42:148.
- 2006 Indriati, E., Pobiner, B. and Antón, S.C. **Taphonomy and site formation of the 20m Solo River Terrace, Java Indonesia: Implications of Late Pleistocene *H. erectus***. American Journal Physical Anthropology, Supplement 42:107-108.
- 2006 Carlson, L. Antón, S., Foss, J. **Rains, Stains, and Backhoes: Data Recovery at the Rio Tanama Village site, Municipality of Arecibo, Puerto Rico**. 71st Annual Society American Archaeology meeting. April 26-30, 2006.
- 2005 Antón, S.C. **A critical biological function: mastication and the evolution of *Homo***. *Invited Symposium*, Primate Craniofacial Function and Biology: Symposium in Honor of William L. Hylander American Journal Physical Anthropology, Supplement 40:68.
- 2004 Antón, S.C. and Indriati, E. **Biogeography of *Homo erectus*: Insights from Indonesia and China**. *Invited Symposium*, American Journal Physical Anthropology, Supplement 38:53.
- 2003 Antón, S.C. and DeLeon, V.B. **Masticatory loading and modern human origins**. American Journal Physical Anthropology, Supplement 36:59-60.
- 2003 Antón, S.C., Quinn, R.L., and Steadman, D.W. **Mortuary patterns in the Cook Islands**. Invited Paper. Symposium on Mortuary Ritual and Human Taphonomy in Island Oceania. Society for American Archaeology, Milwaukee, WI.
- 2003 Griffin, N. and Antón, S.C. **Adaptation to substrate in the human foot skeleton, Mangaia, Cook Islands**. American Journal Physical Anthropology, Supplement 36:104.
- 2002 Antón, S.C. and Indriati, E. **Earliest Pleistocene *Homo* in Asia: Comparisons of Dmanisi and Sangiran**. American Journal Physical Anthropology, Supplement 34:38.
- 2001 Antón, S.C. **Growth and life history in *Homo erectus***. Invited Paper. Symposium on Growth in Genus *Homo*. American Journal Physical Anthropology, Supplement 32:32-33.
- 2001 Teaford, M. and Antón, S.C. **Cannibals in the Cooks?: Dental microwear from a special-use site (MAN-84) Mangaia, Cook Islands**. American Journal Physical Anthropology, Supplement 32:148.
- 2000 Antón, S.C. **The earliest dispersal of human ancestors from Africa: Early Pleistocene fossils from Dmanisi, Georgia**. Biological Sciences Session. Annual Ford Fellows Conference, Irvine, CA. (unpublished).
- 2000 Antón, S.C., Powell, J.F., and Quinn, R.L. **Paleoindian remains from Warm Mineral Springs (8So19), Florida**. American Journal of Physical Anthropology, Supplement 30:97-98.
- 2000 Mowbray, K., Marquez, S., Antón, S.C., Swisher, C.C. III, Jacob, T., Sawyer, G.J, Broadfield, D., Laitman, J.T., Holloway, R.L., Delson, E., and Tattersall, I. **The newly recovered Poloyo hominin (PL-1) from Java**. American Journal of Physical Anthropology, Supplement 30:233.
- 2000 Quinn, R.L., Hodell, D., and Antón, S.C. **Tracing migration in Mesoamerica using strontium analysis**. Society for American Archaeology, Philadelphia, PA

- 1999 Antón, S.C. **Rethinking the biology of *Homo erectus*: Dispersal, Growth Spurts, and Neoteny.** Invited Paper. American Association for the Advancement of Science, Pacific Division.. San Francisco, CA, 22 June 1999.
- 1999 Antón, S.C. **The paleopathology of the Cook Islands.** Invited Paper, Paleopathology Club. San Francisco, CA, March 1999.
- 1999 Leonard, W.R., Antón, S.C., Robertson, M.R. **An ecomorphological model for the dispersal of *H. erectus*.** American Journal of Physical Anthropology, Supplement 28:182.
- 1998 Antón, S.C. and Leigh, S.R. **Paedomorphosis and neoteny in human evolution.** Paleoanthropology Society Annual Meetings. Seattle, WA. Journal of Human Evolution, 34:A2.
- 1998 Antón, S.C. and Steadman, D.W. **Cannibals in the Cooks?: Island biogeography and hominid behavior.** American Journal of Physical Anthropology, Supplement 26:64-65.
- 1998 Steadman, D.W., Antón, S.C., and Norr, L. **Trouble in Paradise: Ritualistic use of Ana Manuku, a Prehistoric cave site on Mangaia Cook Islands.** Society for American Archeology, Seattle, WA.
- 1998 Antón, S.C. **William R. Maples' techniques and the question of cannibalistic vs ritualistic human bone modification in the Cook Islands.** Invited Paper. American Academy of Forensic Sciences. San Francisco, CA. Proceedings of the American Academy of Forensic Sciences. 4:199.
- 1998 Antón, S.C. **The origins of Modern Humans and the last *H. erectus* - Insights from Cranial Development.** Biological Sciences Session. Annual Ford Fellows Conference, Irvine, CA.
- 1997 Antón, S.C. **Cranial growth in *Homo erectus*: the development of frontal recession and occipital angulation.** American Journal of Physical Anthropology Supplement 24:67.
- 1997 Weinstein, K.J. and Antón, S.C. **Artificial deformation, frontal recession, and sagittal vault contours in early Australia.** American Journal of Physical Anthropology Supplement 24:237.
- 1997 Rink, W.J., Schwarcz, H.P., Swisher, C.C. III, Antón, S.C., Jacob, T. **Latest *Homo erectus*, in Java: potential contemporaneity with *Homo sapiens* in Southeast Asia.** American Journal of Physical Anthropology Supplement 24:198.
- 1996 Antón, S.C. **Fleshing out the past: Interpreting Neandertal Muscle Morphology.** Annual Ford Fellows Conference, Irvine, CA.
- 1996 Antón, S.C. and Franzen, J.L. **The occipital torus that wasn't: Sangiran-3 morphology and developmental age.** American Journal of Physical Anthropology Supplement 22:61.
- 1996 Antón, S.C. **Tough breaks: Behavioral implications of Neandertal fracture rates.** Paleoanthropology Society, New Orleans, LA.
- 1995 Antón, S.C. **Taxonomic affinity of the Mojokerto child, Java Indonesia.** Paleoanthropology Society Meetings, March, 1995.
- 1995 Antón, S.C. **Tendon-associated bone features of the masticatory system in Neandertals.** American Journal of Physical Anthropology, Supplement 19:59.
- 1994 Antón, S.C. **The paleopathology of congenital conditions.** Association of Pathologists, Paleopathology Club. March 13, 1994.

- 1994 Antón, S.C. **Masseter muscle architecture, bony morphology and activity.** American Journal of Physical Anthropology Supplement 18:49-50.
- 1993 Antón, S.C. **Internal masticatory muscle architecture in the Japanese macaque and its influence on bony morphology.** American Journal of Physical Anthropology Supplement 16:50.
- 1993 Antón, S.C. **Congenital conditions: What are they and what can they tell us?** Papers on Paleopathology Presented at the 20th Annual Meeting of the Paleopathology Association, Toronto, Canada.
- 1993 Antón, S.C. and Anderson, P.K.B. **Human bone modification?: An island example and its implications.** Society for American Archeology, St. Louis, MO 1993.
- 1993 Watrous, A., Antón, S.C., and Plourde, A.M. **Hyperostosis Frontalis Interna in Ancient Egyptians.** American Journal of Physical Anthropology Supplement 16:205.
- 1993 Polidoro, G. and Antón, S.C. **Radioulnar synostosis and conditions: Archeological cases and their implications for function.** Papers on Paleopathology Presented at the 20th Annual Meeting of the Paleopathology Association, Toronto, Canada.
- 1992 Antón, S.C. **The meaning of the Neandertal face.** Invited paper, Integrated Pathways to the Past: Symposium in Honor of F.C. Howell, American Anthropological Association, SF, CA.
- 1992 Antón, S.C. and Anderson, P.K.B. **The human faunal assemblage from Mangaia, Cook Islands, Polynesia.** Mangaia Project Conference, Berkeley, CA (unpublished).
- 1992 Antón, S.C., Cedars, M.G., and Richards, G.D. **Quantification of craniofacial morphology in unicoronal synostosis.** American Journal of Physical Anthropology Supplement 14:44.
- 1992 Plourde, A.M. and Antón, S.C. **Craniofacial compensation in artificially deformed children's crania.** American Journal of Physical Anthropology Supplement 14:132.
- 1992 Galloway, A., Antón, S.C., and Simmons, T. **The Spencer R. Atkinson Collection: 1400 missing identities.** Journal of Forensic Science.
- 1992 Cedars, M.G., Antón, S.C., and Richards, G.D. **Craniofacial morphology in unicoronal synostosis.** American Cleft Palate- Craniofacial Association.
- 1991 Antón, S.C. and Richards, G.D. **Bony criteria for the differentiation of Hydrocephalus and its subgroupings.** American Journal Physical Anthropology. Supplement 12:44.
- 1991 Richards, G.D. and Antón, S.C. **Facial changes subsequent to congenital and artificial vault deformation.** American Journal of Physical Anthropology. Supplement 12:151.
- 1990 Antón, S.C., Jaslow, C.R., and Swartz, S.M. **Sutural complexity in artificially deformed human crania.** American Journal of Physical Anthropology. 81:189.
- 1989 Antón, S.C., Jaslow, C.R., and Swartz, S.M. **Sutural complexity in artificially deformed human crania.** American Zoologist. 29:122A.
- 1989 Antón, S.C. and Richards, G.D. **Craniofacial configuration and postcranial development of an hydrocephalic child.** Papers on Paleopathology Presented at the 16th Annual Meeting, San Diego, CA.
- 1989 Antón, S.C. **Facial structure: The influence of intentional cranial vault deformation.** American Journal of Physical Anthropology. 78:184.

1988 Antón, S.C. **Intentional cranial vault deformation and induced changes in the cranial base and face.** American Journal Physical Anthropology. 75:181.

Symposia, Workshops, Papers/Posters - International:

- 2012 Leakey, M.G., Spoor, F., Dean, M.C., Feibel, C.S., **Antón, S.C.**, Kiarie, C. and Leakey, L.N. **New early *Homo* fossils from Koobi Fora, northern Kenya.** European Society for the study of Human Evolution, Bourdeaux, France. September 21-22, 2012. (Delivered by Spoor)
- 2011 Antón, S.C. **Early *Homo*: Who, when and where.** Wenner-Gren Symposium. Sintra, Portugal. March 4-11, 2011.
- 2011 Spoor, F., Dean, M.C., Leakey, M.G., **Antón, S.C.** **A CT-based reconstruction of the OH 7 *Homo habilis* type mandible.** European Society for the study of Human Evolution, Leipzig, Germany. September 23-24, 2011. (Delivered by Spoor)
- 2009 Indriati, E. and Antón, S.C. **Pathology of an Indonesian early/middle Pleistocene *Homo erectus* cranium from Bukuran, Sangiran Dome, Java, Indonesia.** Institute Vertebrate Paleontology, Beijing, China. November, 2009. (Presented by Indriati)
- 2007 Antón, S.C. **Chair and Discussant. Human Paleobioenergy and Paleoecology.** *Invited Seminar.* Human Paleoecology: new advances. Catedra Atapuerca, Burgos Spain. 6-9 November, 2007.
- 2006 Spoor, F.C., Leakey, M., **Antón, S.C.**, Leakey, L. **Cranial morphology of early *Homo*: size matters** *Invited symposium:* African Genesis: A Symposium on Hominid Origins. January 8-14, 2006 Johannesburg, South Africa. (Delivered by Spoor).
- 2005 Antón, S.C. **Size, scale, and environment in early *Homo*.** *Invited symposium:* Climate and Human Evolution. Primate Society of Great Britain. London, UK. 9 December 2005. Primate Eye 87:17-18.
- 2005 Antón, S.C. **Round Table Chair and Symposium Discussant.** *Workshop,* Humans in the Focus of Our Evolution. Ceprano, Italy. 16-19 March 2005.
- 2000 Antón, S.C. and Swisher, C.C. III. **Evolution and variation of cranial capacity in Asian *Homo erectus*.** *Invited Paper.* Symposium in honor of the career of Dr. Teuku Jacob. Yogyakarta, Indonesia, 6-7 February, 2000.
- 1999 Antón, S.C. **Cranial growth in *Homo erectus*: The Zhoukoudian remains and the origin of the adolescent growth spurt.** *International Symposium* on Palaeoanthropology, 70th Anniversary of the discovery of the first skull of Peking Man at Zhoukoudian. Beijing, China 12-16 October. Abstract volume page 20.
- 1998 Antón, S.C, Aziz, F., Zaim, Y. **Dispersal and migration in Plio-Pleistocene *Homo*.** *Invited paper* in Collogue 12: The Diversity of early *Homo*: from the late Pliocene to early mid-Pleistocene. International Association for Study of Human Paleontology and International Association Human Biologists. South Africa, 28 June-4 July, 1998

Sessions Chaired/Organized/Discussant/Panel Member:

- 2014 **AAPA Invited Poster Symposium. Co-Organizer and participant.** The Bones and Behavior Project: Fostering Integration across Biological Anthropology Organizers: Felicia Madimenos, Emily Middleton, Susan Antón, J. Josh Snodgrass. Calgary, April 12, 2014.

- 2014 **Ford Conference of Fellows. Panel Member.** Transforming the Classroom in the 21st Century. Irvine, CA, September 26 and 27, 2014.
- 2014 **Senior Ford Fellows Conference. Panel Member.** Post-Tenure Review. Irvine, CA, September 28, 2014.
- 2011 **Wenner Gren Spring Symposium. Co-Organizer and participant.** Symposium/Workshop: Human Biology and the Origin of *Homo*. Portugal. March 4-11, 2011.
- 2010 **Bones and Behavior. Organizer and Participant.** Workshop “New Directions in Physical Anthropology IV – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Albuquerque, NM. April 15th, 2010.
- 2009 **Bones and Behavior. Organizer and Participant.** Workshop “New Directions in Physical Anthropology III – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Chicago, IL. April 4th, 2009.
- 2008 **Bones and Behavior. Organizer and Participant.** Workshop “New Directions in Physical Anthropology II – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Columbus, OH. April 12th, 2008.
- 2007 **Bones and Behavior. Organizer and Participant.** NSF Funded Workshop “New Directions in Physical Anthropology – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Stockton, NJ. Mar 24-25, 2007.
- 2007 **Databasing Workshop. Participant.** American Museum of Natural History NY, NY. April 12-14, 2007.
- 2005 **Neandertals Revisited. Discussant.** Center for the Study of Human Origins, NYU and Max Planck Institute, Leipzig Symposium. NY, NY. Jan 27-20, 2005.
- 2004 **Paleoanthropology. Session Chair.** American Association of Physical Anthropologists Annual Meeting, Tampa FL.
- 2002 **Paleoanthropology I. Session Chair.** American Association of Physical Anthropologists Annual Buffalo, NY.
- 2002 **Ethics in Biological Anthropology. Discussant.** American Association of Physical Anthropologists Annual Meetings, Buffalo, NY.
- 2001 **Paleoanthropology. Session Chair.** American Association of Physical Anthropologists Annual Meetings, Kansas City, MO.
- 2001 **Ethics in Biological Anthropology. Discussant.** American Association of Physical Anthropologists Annual Meetings, Kansas City, MO.
- 2001 **Read our lips: ‘No new species’. Discussant.** American Association of Physical Anthropologists Annual Meetings, Kansas City, MO.
- 1995 **Skeletal Biology V: Session Chair,** Poster session. American Association of Physical Anthropologists Annual Meetings, Oakland, CA.
- 1993 **Congenital Conditions: Recognition and Beyond (organized/chaired with G.D. Richards).** Paleopathology Association 20th Annual Meeting, Toronto, CANADA.

1992 **Paleopathology I: Session Chair**, Contributed papers session. American Association of Physical Anthropologists Annual Meetings, Las Vegas, NV.

Invited Lectures:

- 2014 **The Many Faces of Early *Homo*: Size, Shape and Niche.** University of Oregon, Department of Anthropology. October 14, 2014.
- 2013 **The Origin and Evolution of Early *Homo*: From Bones to Behavior.** Duke University Department of Biological Anthropology. February 8, 2013.
- 2009 **Darwin's 2nd Century: Variation in early *Homo*.** Harvard University Department of Anthropology. March 13, 2009.
- 2009 **Diet quality, ranging, and morphology: Foraging shifts across genera and among species.** Public Lecture. Darwin's Legacy, NYCEP/AMNH/CSHO sponsored meeting. Feb 27 – March 1, 2009.
- 2008 **Keynote Address: Combining Teaching and Research.** NYU, GSAS Graduate Student Training Day Public Lecture – September 2008.
- 2005 **Hominins of Southeast Asia: History and Controversy.** Stony Brook Workshop on Human Evolution. Out of Africa I. Public Lecture – September 27, 2005.
- 2004 **From Java Man to *Homo erectus*.** Project for Explaining Human Origins Symposia, University of California, San Diego, Public Lecture - November 5, 2004.
- 2004 ***Homo erectus*: Old, New and New 'Old' Ideas.** Project for Explaining Human Origins Symposia, University of California, San Diego, November 6, 2004.
- 2004 **Wanderlust: Migration and *Homo erectus*.** NYU Scholar's Lecture Series.
- 2004 **Evolution and Dispersal in Early *Homo erectus*.** George Washington University, Department of Anthropology Graduate Student Lecture Series. September 17, 2004.
- 2004 **From Georgia to Java: Dmanisi and Sangiran *Homo erectus*.** New York Academy of Sciences February 2004.
- 2003 **From Africa to Asia: The dispersal of early *Homo erectus*.** Science on Saturdays. Princeton Plasma Physics Laboratory, Princeton, NJ. Feb. 15, 2003.
- 2002 **Evolution of Human Growth.** Dept. of Anthropology. New York University.
- 2002 **From Africa to Asia: *Homo erectus* on the move.** Friends of the Geology Museum, Rutgers University. Nov. 20, 2002.
- 2002 ***Homo erectus*: Biology, behavior, and dispersal.** Max Planck Institute for Anthropology, Leipzig, Germany. Symposium on Human Evolution. June 3, 2002
- 2000 **Life history and *Homo erectus*.** Dept. Anthropology. University of California, Santa Cruz.
- 1999 ***Homo erectus*, the view from Southeast Asia.** Dept. Anthropology. Rutgers University.
- 1998 **Cranial growth in *H. erectus*: Implications for dispersal and development.** Dept. of Anthropology. New York University.

- 1997 **Cranial growth in *H. erectus*: Pattern and process in human evolution.** Natural History Museum, London.
- 1997 **Hominid dispersals and the role of geochronology.** Dept. of Geology, Departmental Seminar, University of Florida.
- 1997 **Latest *Homo erectus* of Java: Implications for human origins.** Dept. Anthropology, Departmental Seminar, Florida State University.
- 1995 ***Homo erectus*: The early years and beyond.** Dept. Anthropology, Stanford University.
- 1995 ***Homo erectus*: The early years.** Archaeology Institute of America, Gainesville, Fl.
- 1995 **Cannibals in the Cooks?: Large mammal remains from Mangaia, Polynesia.** Departmental Seminar, University of Florida
- 1994 **Human Evolution and Craniofacial Variation.** Lecture for Graduate Students in Orthodontics, University of the Pacific School of Dentistry.

Other Positions:

- 1993-92 **Osteological Consultant**, Biosystems, Tiburon, CA.
- 1991 **Osteological Consultant**, Basin Research Associates, San Leandro, CA
- 1991- 87 **Graduate Student Researcher**, National Science Foundation Systematic Curation Grant (NSF Skeletal Grant) Principal Investigators: B. Benedict, F.C. Howell, T.D.White
- 1987-85 **Supervising Laboratory Assistant II** (and other ranks): Osteological Curation, Computerization, Hiring and Training. NSF Skeletal Grant.
- 1986-85 **Laboratory Assistant I**: Diagnosis of Pathological Conditions in Archaeologically Derived Human Skeletal Material. UCB Teaching Improvement Grant.
- 1985 **Laboratory Assistant I**: Computerization of Ambrona Lithic Materials for Dr. F.C. Howell
- 1985 **Osteological Curation**: Mancos Canyon Project for Dr. T.D. White (unpaid position)

Unpaid Positions:

- 1994 -1987 **Supervisor** Laboratory for Human Evolutionary Studies (LHES) Casting Laboratory.
- 1994 -1985 **LHES**: Molding, Casting and Fossil Preparation.
- 1994 -1984 **LHES**: Inventory, Computerization and Maintenance of Fossil Cast and Mold Collection.

SERVICE**Grants:**

- Pending **National Science Foundation** – AAPA IDEAS Program: Increasing Diversity in Evolutionary Anthropological Sciences. P.I.: S.C. Antón and R. Malhi. (\$150,000; BCS-Biological Anthropology-pending).
- Awarded **Elsevier Foundation** – Action through Organization: supporting mentoring and networking for early career women scientists through the Physical Anthropologists Women’s Initiative. Senior Personell. (\$24,000; to AAPA).

Editorial Boards:

- 2011 – present **Associate Editor**, Journal of Human Evolution
- 2008 – present **Editorial Board Member**, Oxford University Press, Human Evolution Book Series
- 2011 **Acting Editor**, Journal of Human Evolution
- 2010 – 2008 **Advisory Editor**, Blackwell's Encyclopedia and Dictionary of Human Evolution (BEHE)
- 2010 - 2005 **Joint Editor**, Journal of Human Evolution
- 2004 **Associate Editor**, Journal of Human Evolution
- 1999-2002 **Associate Editor**, Journal of Human Evolution

External Executive Committees and Scientific Advisory Boards:

- 2012-2014 **Vice President and Scientific Program Chair** (elected), American Association of Physical Anthropologists
- 2011-2015 **Member-at-Large**, Section H (elected), American Association for the Advancement of Science
- 2011-present **Advisory subcommittee member** (appointed), Education committee, SWGANTh, Scientific Working Group Forensic Anthropology
- 2006-present **Co-Chair** (appointed), Committee on Diversity American Association of Physical Anthropologists
- 1993 – present **Scientific Advisory Board** Member (appointed) Institute of Dental History and Craniofacial Study, UOP, SF, CA
- 2008-2013 **Scientific Advisory Board** Member (appointed) National Research Centre of Human Evolution (CENIEH), Burgos, SPAIN
- 2009-2012 **Executive Committee** Member (elected), American Association of Physical Anthropologists
- 2004-2008 **Member-at-Large**, Section H (elected), American Association for the Advancement of Science

Reviewer:**Program Reviews**

External Reviewer: Michigan State University, Department of Anthropology (April 2012)

Committee of Visitors: National Science Foundation (NSF) Committee of Visitors, SBES (October 2012)

Granting Agencies:

Panelist: National Science Foundation (NSF) Biological Anthropology Senior Panel (2006-2009)
 National Science Foundation (NSF) Graduate Research Fellowships Panelist (2006)
 National Science Foundation (NSF) IGERT Panelist (2005)
 National Science Foundation (NSF) Human and Social Dynamics (HSD) Panelist (2003)
 National Science Foundation (NSF) IGERT Panelist (2002)
 National Science Foundation (NSF) IGERT Panelist (2001)

Panelist: Ford Foundation Diversity Fellowships (2005, 2013, 2014)

Panelist: Wenner Gren Foundation (2004-2006)

Reviewer: US: NSF Physical Anthropology Program; L.S.B. Leakey Foundation; City University of New York.

Reviewer: International: ICREA (Institucio Catalana de Recerca i Estudis Avancats), Spain - Senior Research Positions Selection Committee (2007); Arts and Humanities Research Council – peer-reviewer; U.K.

Journals:

Recurring: American Journal of Physical Anthropology, Journal of Human Evolution, Current Anthropology, American Anthropologist, Revista Chungara - Universidad de Tarapaca, Arica, Chile; International Journal Osteoarchaeology; Science.

Single reviews: American Journal of Human Biology; Journal of the Arizona/Nevada Academy of Sciences; Comparative Biochemistry and Physiology.

Popular Press:

Reviewer and Consultant: National Geographic

Featured Scientist: BBC Documentary ‘Becoming Human’, Part II (2009).

Books:

Principal Consultant: The Human Story by Christopher Sloan, National Geographic Society;

Book Reviewer:

Prentice-Hall, Inc.; McGraw-Hill, Inc. Academic Publications; Anthropological Research Papers, Arizona State Univ.

NYU Service:**University-Wide:**

Member - Provost's Academic Priorities Committee (2014-2017)

Senator - Faculty Senators Council (2010-2013)

Chair - Senate Academic Affairs Committee (2012-2013)

Member - Faculty Senators Council, Teaching Excellence Committee (2010-2012)

Member - Faculty Senators Council, Tenure Modification Committee (2010-2012)

Member – Faculty Senators Council, Personnel and Affirmative Action Committee. (2010-2012)

FAS/GSAS/CAS:

Chair/Member - Policy and Planning Committee, FAS (2013-2015; Chair 2014-15)

Chair – Foundations of Scientific Inquiry (FSI), College Core (2014-15)

Member - Grievance Committee, FAS (2013-2015)

Founder and Core Committee Member – FAS Diversity Initiative (2011-present)

Chair – Faculty Working Group, FAS Diversity Initiative (2013-present)

Member – Graduate Working Group, FAS Diversity Initiative (2013-present)

Member – Undergraduate Working Group, FAS Diversity Initiative (2013-present)

Faculty Senator, FAS (2010-2013)
 Member - Nominations Committee, FAS (2010-2013)
 Member - Foundations of Scientific Inquiry (FSI) Steering Committee, Morse Academic Plan (MAP, 2010-2012)
 Member - Golden Dozen Teaching Award Committee, FAS (2009, 2010)
 Member Financial Aid Committee, GSAS (3 yrs; 2007-2010)
 Mentor - FAS Faculty Mentor program (2004-present)
 Member- Undergraduate Curriculum Committee, CAS (2005-2008)
 Member - Opportunity Fellowships Selection Committee, GSAS (2005)
 Member - Financial Aid Committee, GSAS (2 yrs; 2005-2006)
 Member - Fulbright University-Wide Interview Committee, GSAS (2003; 2010)

Department of Anthropology:

Director MA track in Human Skeletal Biology (2003-present)
 Admissions Committee – HSB MA track (Chair; 2003- present)
 Departmental Diversity Committee (Chair; 2014-present)
 Graduate Program Committee (2006-2012);
 Salary Committee (Chair – 2008-2011); Salary Committee (2005-2007; 2014);
 Third-Year Review Committee – Scott Williams (Chair – 2013/14)
 Third-Year Review Committee – James Higham (2014)
 Tenure Review Committee – Shara Bailey (Chair – 2010)
 Physical Anthropology Search Committee (primate ecology; 2010-2011);
 Physical Anthropology Search Committee (skeletal morph; Chair 2010-2011; 2009-2010; 2008-2009);
 Archaeology Search Committee (2007-2008);
 Physical Anthropology Search Committee (paleoanthropology; 2004-2005);
 Development and implementation of MA program in Human Skeletal Biology (2003)

Rutgers Service:

College Level:

Fellow, Livingston College; Faculty Mentor Livingston College; Curriculum Committee Livingston College.

Department of Anthropology:

Forensic Anthropology Search Committee (2003); Computer Committee grant writing for internal funds for computers for instructional use (2002-2003); Space and Renovation Committee (2001-2003); Center for Human Evolutionary Studies (2001-present); Executive Committee (2001-2002); Undergraduate Anthropology Honor Society – faculty advisor (2001-2002).

UF Service:

College of Liberal Arts and Sciences:

Undergraduate Research Symposium; Minority Mentor Program; McQuown Fellowships for Outstanding Women Students, Selection Committee; Hispanic Faculty Association.

Department of Anthropology:

Chair's Advisory Committee; Chair Search Committee; 5 Departmental Search Committees; Teaching Incentive Program Committee (4 yrs).

Community Service:

Environmental Commission, NJ: advisory member (2012-present). **Historic Advisory Committee, NJ:** member (2011, 2012). **Open Space Committee, NJ:** member (2012). **School Presentations:** High School Presentation – PerthAmboy HighSchool; PerthAmboy, NJ.; Elementary School Presentation – Lincoln School, Brookline, MA; AFRICAQUEST online expert.

TEACHING

Teaching Awards:

- 2014 **Distinguished Teaching Medal, New York University.**
- 2008 **Golden Dozen Teaching Award, College of Arts and Sciences, New York University.**
- 2000 **Who's Who Among America's Teachers, 6th edition.**
- 1998 **Who's Who Among America's Teachers, 5th edition.**
- 1998 **Women's Studies Student Association** - Featured Professor, Women of UF, Calendar.
- 1997 **Teacher of the Year Award,** College of Liberal Arts and Sciences, University of Florida.
- 1994 **Award for Teaching Excellence in the Basic Sciences.** Health & Medical Sciences Program (HMSP), UCB.
- 1993 **Award for Teaching Excellence in the Basic Sciences.** HMSP, UCB.
- 1989 **Outstanding Graduate Student Instructor Award, UCB.**

Courses:

New York University

- 2003-Present Graduate (with advanced undergraduates):
Paleoanthropology II – Evolution of the genus *Homo* – Seminar (w/ R. White & T. Plummer)
Human Osteology and Odontology
Interpreting the Human Skeleton
Paleopathology
Departmental Seminar – Race (w/ A. Khan)
Anthropological Intersections (w/ R. Rapp and with H. Hansen)
- Undergraduate
Fossil Evidence for Human Evolution (50 students)
Introduction to Forensic Anthropology (48 -90 students)
Human Evolution (80-180 students)
Human Origins (120 students)

Rutgers University

- 2001-2003 **Human Osteology Lecture and Laboratory** – 3 semesters
Introduction to Human Evolution - (300 students)
Honors Lab for Intro to Human Evolution
Quaternary Studies Seminar (w/ C. Swisher)
Seminar in Human Evolution (w/ R. Blumenschine)
Seminar in African Prehistory (w/ J. Harris)
Honors theses and independent research courses – multiple (>15 students, undergrad/grad)

University of Florida

- 1999-1994 **Introduction to Biological Anthropology** - 5 semesters (300 students per),
Human Evolution - 3 semesters (30 students per),
Human Osteology - 5 semesters (20 students per),
Advanced Osteology Seminar - 1 semester (10 students per)
Seminar in Evolutionary Theory - 1 semester (12 students per)
Research Design Seminar - 2 semester (10 students per)
Honors theses and independent research courses – multiple (>20 students, undergrad/grad)

University of California, Berkeley (Teaching Assistant)

1987-1993 With Professor T.D. White (Anthropology)
Human Paleontology - 1 semester, 1993. Graduate Student Instructor II
Introduction to Human Osteology - 4 semesters 1990-1992 GSI II. (15 course lectures)
Introduction to Physical Anthropology - 1 semester 1989 (Teaching Award and 1 lecture).
Advanced Osteology Course - 2 semesters, 1987-1988.

With Professor H.H. Srebnik (Health and Medical Sciences Program)
Human Gross Anatomy - 4 semesters 1992-1989 GSI II. (Teaching Award)
Human Embryology - 4 semesters 1992-1989 GSI II. (10 lectures; Teaching Award).

Graduate Students in Progress:**Chair:**

PHD - Myra Laird, Emily Middleton, Chris Rainwater, Catalina Villamil
 MA - Ligia Ceja, Christina Ryder

Member:

PHD - Katie McCullough, Stephanie Reyes, Blair Claytor, Jennifer Eyre, T. Cody Prang
 MA - An-Di Yim (HSB), Marissa Konieczko (HSB), Dan Ehrlich (HSB), Victoria Johnson (HSB), Lucia Elgerud (HSB), Kaitlin McGuire (HSB), Amy, Johnson (HSB), Emma Lagan (HSB), Christina Sherwood (HSB), Sara Feldkamp (HSB), Diana Hsu (HSB), Molly Miranker (HSB), Evan Bird (HSB), Kinley Russell (HSB)

Graduate Students Completed:**Chair:**

Maja Seselj (PhD, '11; NYU; NSF Dissertation Improvement Grant)

Dissertation: Human growth evolving: Integrating dental and skeletal growth proxies to understand ontogeny in Pleistocene *Homo*.

Currently: Faculty, Department of Anthropology, Bryn Mawr (tenure-track).

Connie Fellmann (PhD, '11; NYU)

Dissertation: Ontogenetic scaling of anatomical mechanical advantage in the fore- and hind limb musculature of catarrhines: Implications for the Juvenile Risk Aversion Hypothesis.

Currently: Lecturer, Department of Anthropology, Colorado State University.

Ron Smith (PhD, '07; Rutgers)

Dissertation: An individual-based competitive advantage model of cooperation in Pleistocene Europe.

Currently: Retired

Heather Walsh-Haney (PhD, '07; UF)

Dissertation: Physical Activity Markers in Human Limb Bones: A Comparison of Industrialists and Hunter-Gatherers from North America.

Currently: Faculty, Dept. Forensic Science, Florida Gulf-Coast University (tenured)

Phoebe Stubblefield (PhD, '02; UF; Ford Foundation Dissertation Fellowship for Minorities).

Dissertation: Cranial size in relation to body weight and skeletal robusticity in modern humans.

Currently: Faculty, Dept. Anthropology University of North Dakota (tenured)

Karen J. Weinstein (PhD, '01; UF; LSB Leakey dissertation grant).

Dissertation: Skeletal adaptation to high altitude environments in humans and macaques.

Currently: Faculty, Dept Anthropology Dickinson College, PA. (tenured)

Michael W. Warren, (PhD, '97; UF; Sigma Xi Research grant)

Dissertation: Prenatal limb growth in humans: linear growth, allometry, locomotion, and skeletal age.

Currently: Faculty, Dept Anthropology, University of Florida. (tenured)

Eleanor Farber (MA, '14)

Co-Chaired with: Rhonda Quinn (SHU)

Thesis : Strontium and Oxygen Isotopic Evidence for Migration to 19th Century Grafton, Illinois.

Currently: PhD Program, Oxford University, UK

Aja Lans (MA, '14)

Thesis : Tuberculosis in the American Museum of Natural History Medical Skeletal Collection: a comparison of an osteological dataset to historical records.

Currently: PhD Program, Syracuse

Amy Beresheim (MA, '13)

Co-Chaired with: Christian Crowder

Thesis : A histomorphometric analysis of intact, fragmentary and drifting osteons in the adult mid-shaft femur.

Currently: PhD Program, University of Toronto

Julia Chmaj (MA, '13)

Co-Chaired with: Kristen Hartnett

Thesis : Feature analysis of the pubic symphysis.

Volney Friedrich, (MA, '13)

Co-Chaired with: Rhonda Quinn

Thesis : The nature of interaction at La Sufricaya, Guatemala: Evidence from stable isotopic analysis of human tooth enamel.

Currently: PhD Program, University of Pennsylvania

Amy Karabowicz (MA, '13)

Co-Chaired with: Rhonda Quinn

Thesis : Assessing evidence of weaning and climate extremes in incremental microsamples of human dentin collagen from Malawi: A stable isotope analysis

Currently: PhD Program, University of Pittsburgh

Alison Miller, (MA, '13)

Co-Chaired with: Christopher Rainwater

Thesis : The effect of angle at impact and magnification level during analysis on the recognition of striation patterns on cut costal cartilage

Currently: Office of Chief Medical Examiner, North Carolina

Jennifer Spross, (MA, '13)

Thesis : Assessing relatedness within and among groups of Bolivian tamarins (*Saguinus spp.*)

Currently: University of Texas, San Antonio. Laboratory director primate genetics.

Amelia Baxter-Stoltzfus, (MA, '12)

Co-Chaired with: Christian Crowder

Thesis : Quantitative bone histomorphometry as a predictor of skeletal health.

Currently: Pre-med, University of Chicago

Sophia Mavroudas (MA, '11)

Co-Chaired with: Christian Crowder

Thesis : A comparison of gross morphology and histomorphometry age-at-death estimation methods on a known forensic sample.

Currently: Forensic Lab Manager – Dept. Anthropology, Texas State San Marcos

Victoria Domínguez (MA, '11)

Co-Chaired with: Christian Crowder

Thesis : The utility of osteon shape and circularity for differentiation human and non-human haversian bone

Currently: PhD Program Anatomy, OSU; Previously, Office Chief Medical Examiner, NY – Research Associate

Robert Vannucci (MA, '10)

Thesis : MRI evaluation of brain size and shape in microcephaly: Implications for the LB 1 hominin

Currently: Retired and Faculty Affiliate, Florida Atlantic University

Stephanie Minor (MA, '10)

Thesis : Variation in osteocyte lacuna density around the human mid-shaft femoral cortex as it relates to intraspecies variation in body size.

Hannah Carter-Menn (MA, '08)

Thesis : Variation in molar size and jaw size in humans: Implications for models of modern human origins

Currently: Laboratory Manager, Center for the Study of Human Origins, NYU.

Habiba Chirchir (MA, '08)

Thesis : Elbow morphology in humans in relation to activity and climate: Implications for Neandertals.

Currently: Postdoc, Smithsonian Institution, Washington, DC. [PhD 2013, George Washington University].

Emily Middleton (MA, '08)

Thesis: 3D geometric pelvic morphology and locomotion in New World Primates

Currently: PhD Program, NYU.

Allysha Powanda Winburn (MA, '08)

Thesis : A comparison of pelvic age-estimation methods on two modern Iberian populations: bioarchaeological and forensic implications.

Currently: Joint POW/MIA Accounting Command, Central Identification Laboratory, HI and UF PhD Program.

Ariana Ridgely (MA, '08)

Thesis : Macroscopic and microscopic characteristics of hacking trauma on bone

Currently: Oregon State Police Department.

Jeannette Fridie (MA, '07)

Thesis : A retrospective study on dismemberment in New York City, 1990-2006.

Currently: Dane County Medical Examiner, Madison, WI.

Megan Ingvaldstad (MA, '07)

Thesis : Mass graves, skeletonization, and individuation: a controlled experiment of differential decomposition in mice burials

Currently: Forensic Anthropologist JPAC-CIL [PhD 2012 The Ohio State University]

Deena Emera (MA, '06)

Thesis : Biological affinity of a prehistoric Cook Island population: The dental and genetic evidence

Currently: Postdoctoral Researcher, Yale University [PhD 2011 Yale]

Giselle Garcia (MA, '06)

Thesis : A quantitative analysis of the distal tibia of *Homo habilis*

Currently: American Museum of Natural History, Collections Manager, Anthropology.

Maja Seselj (MA, '06)

Thesis : Variation in orbital shape in modern human populations: A 3D geometric morphometric approach

Currently: See Above

Ilana Solomon (MA, '06)

Thesis : Genetic affinities of Cook Islanders: A look at the mitochondrial DNA of ancient Manganians

Currently: California Institute of Technology, Center for Excellence in Genomic Science.

Ronald Smith (MA, '05; Rutgers)

Master's Paper : Three field statements pertaining to evolution of skill specialization and climate.

Currently: See Above

Connie D. Fellmann (MA, '04 ; Rutgers)

Thesis : Estimation of femoral length and stature in modern and fossil hominins: A test of methods

Currently: See Above.

Rhonda Quinn (MA, '99; UF)

Thesis: Evidence for climate and diet in the Florida archaic: Analysis of the Tick Island human and faunal skeletal samples.

Currently: Faculty, Seton Hall University University (tenure-track) (PhD Rutgers U. 2005).

Valerie Burke DeLeon (MA, '98; UF; NSF graduate fellow)

Thesis: Stable isotope analysis and paleodiet at the Bay West Site, Collier County, FL. '

Currently: Faculty, Johns Hopkins University [PhD Johns Hopkins 2004]

Cheryl Katzmarzyk (MA, '98; UF)

Thesis: Skeletal indicators of stress in the precolumbian population from Mound G, Crystal River, FL.

Currently: ICMP, Senior Forensic Anthropologist/Mortuary Manager, Jakarta, Indonesia.

J. Josh Snodgrass (MA, '98; UF)

Master's Paper: Bioenergetics, body composition, and the Expensive Tissue Hypothesis.

Currently: Faculty, Dept Anthropology, University of Oregon (tenured); [PhD Northwestern 2004]

Committee Member:

NYU

Steve Worthington (PhD-Phys, 2012); Tom Rein (PhD-Phys, 2010); Chris Schmitt (PhD-Phys, 2010); Jennifer Piro (PhD-Arch, 2008); Jessica Manser (PhD-Phys, 2004).

Kate McCormick (MA-HSB, 2014) ; Catalina Villamil (MA – Phys, 2013) ; Maria Darr (MA – HSB, 2013); John DiMaggio (MA – HSB, 2013); Michala Stock (MA – HSB, 2013), Elle Saine (MA – HSB, 2012); Angela Mallard (MA – HSB, 2011); Ashley Bales (MA –Phys, 2010); Jarred Heinrich (MA – HSB, 2010); Nick Holowka (MA – HSB, 2010); Marisa Macias (MA – HSB, 2009); Yasmine El Gabbani (MA – Phys, 2009); Maggie Cocca (MA –

HSB, 2008); Anna Delaney (MA – HSB, 2007); Heidi Reinholdt (MA – HSB, 2007); Tom Rein (MA- Phys, 2006), Jessica Rottenstein (MA- HSB, 2006); Lucy Chen (MA – Phys, 2005).

Rutgers

Christopher Campisano (PhD-phys, 2007); Rhonda Quinn (PhD-phys, 2005); Hillary Pielet (PhD-phys, 2006);

University of Florida

Dana Austin-Smith (PhD-phys, 1996), Heather Walsh-Haney (MA – phys, 1999); P. Ryan Williams (PhD-archeo, 1997, MA 1995), Zobeida Bonilla (PhD-soc/cult; 1998), Keith Akins (MA-soc/cult, 1996).

Undergraduate Student Project Advising:

New York University – senior theses and senior papers.

Major Advisor

- | | |
|----------------------------|--|
| Cavaretta, Tim | Thesis: Implications of Neandertal fracture patterns (funded by DURF; 2006) |
| Domínguez, Victoria | Paper: Determining unknown identities from cranial remains. (2008) |
| Hanna, Gillian | Thesis: Bioarcheology of Al Widay, Sudan (in progress) |
| Kolpan, Kate | Thesis: The decline of Tuberculosis, an evolutionary phenomenon. (2006) |
| Mavroudas, Sophia | Paper: The Va infant burial from El Widay I, Sudan. (2009) |
| Rauch, Michael | Paper: Artificial cranial deformation and geographic variation. (2008) |
| Rothwell, Jessica | Thesis: Head carriage and artificial deformation (funded by DURF; in progress) |
| Squyres, Nicky | Thesis: Predicting body size and thorax shape from bone dimensions in living humans: implications for Neandertal body size and shape. (2010). |
| Viterbo, Kyle | Thesis: Human evolution in Southeast Asia with special reference to Tabon Cave. (funded by DURF; 2007). |

Reader

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|--------------------------|---|
| Minorini, Rebecca | Thesis: The influence of artificial cranial deformation on brain size and shape (2012) |
|--------------------------|---|

Rutgers University – senior theses and senior papers (major advisor).

- | | |
|---------------------------|---|
| Berk, Jonathan | Thesis: Dental microwear in Australians: Dental loading and diet. (funded by Rutgers College and Bigel Fellowship) |
| Blatt Samantha | Thesis: Taphonomic changes to skeletal remains from Mangaia Cook Islands: Heat. (funded by Rutgers College and Bigel Fellowship) |
| Griffin, Nicole**† | Thesis: The influence of substrate on the skeletal adaptation of the human foot. (funded by Rutgers College) |
| Lamm, Kristin | Thesis: The mechanics of cranial thickness and skull shape in hominid evolution and development. (funded by Rutgers College) |
| McNulty, Dan | Thesis: Taxonomic status of the Narmada clavicle. |

- Roberts, Jessica** **Paper:** Human evolution in the classroom: Lesson plans for High School.
- Shifkin, Vlad** **Thesis:** Browridge development and cranial shape: evidence from artificial deformation. (funded by Rutgers College)

University of Florida - senior theses and senior papers (major advisor).

- Cabanilla, Rhonda** **Thesis:** The deciduous dentition from Middle-Archaic Florida Sites.
- DeRobertis, Rocco** **Paper:** The mandibles from Sima de los Huesos.
- Dunsworth, Holly** **Thesis:** The single species hypothesis and *Homo erectus*.
- Grinder, Kate** **Thesis:** Demography of the Pillsbury Mound.
- Judd, Lilith** **Thesis:** Fracture patterns in precontact Florida.
- Marsh, Phaedra** **Paper:** Degenerative joint disease in a lower limb from the Palmer site, Florida.
- Peburn, Tara** **Thesis:** The adult dentition of the Middle-Archaic Tick Island site, Florida.
- Reilly, Elizabeth** **Thesis:** Taphonomy of the Pillsbury Mound.
- Sirois, Danielle** **Paper:** The dentition from MAN-84, Mangaia, Cook Islands.
NSF REU Paper: The Australian dentition, testing for a robust masticatory pattern

University of California, Berkeley – research projects.

Primary advisor

- Hendrix, Karen** Depressed cranial fractures from Pachacamac, Peru.
- Plourde, Aimee**** Artificial deformation in children's crania from Peru.
- Polidoro, Gina**†** Radioulnar synostosis: An archeological case study.
- Smeenk, Lisa** Cranial trauma in the Canary Islands.
- Secondary advisor**
- Drayer, Francine*†** Diffuse joint disease in a Late Period site from California (CCo-138).
- Fong, Michael*†** Interproximal wear in pre-contact California: Evidence for the use of toothpicks?
- Kahn, Sandra*(UOP)** Reliability of dental developmental ages: A comparison of radiographic techniques.
- Wall, Christine*†** Long bone growth in pre-contact California and its relationship to weaning (Stanford).
- Watrous, Anna**** *Hyperostosis frontalis interna* in ancient Egyptians.

* Presented by student at national meetings, ** Presented by student and Antón at national meetings, † Subsequently published.