

10/28/2009

## Curriculum Vita

Name: **Susan C. Antón**  
Birth Date: January 2, 1964  
Address: susan.anton@nyu.edu  
Department of Anthropology  
25 Waverly Place  
New York University  
New York, NY 10003  
(212)992-9786; fax (212)995-4014

### Current Position:

2003 - **Associate Professor**, Department of Anthropology, Center for the Study of Human Origins, New York University.  
2003 - **Director**, Masters Program in Physical Anthropology (Human Skeletal Biology), NYU  
2005 - **Joint Editor**, Journal of Human Evolution

### Previous Positions:

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)  
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 Interests:

Evolution of genus *Homo* (esp. Origin and dispersal of *Homo erectus*, Origin of Modern Humans), Hominid growth and development, Dispersal patterns and process, Behavioral and physical adaptation, Functional Morphology/Biomechanics, Paleopathology.

### Editorial Boards:

*Blackwell's Encyclopedia and Dictionary of Human Evolution* (BEHE) - Advisory Editor (2008 – present)

*Oxford University Press, Human Evolution Book Series* – Editorial Board Member (selected; 2008-present)

*Journal of Human Evolution* – Editorial Board Member (associate editor, 1999-2002; 2004)

Executive Committees and Scientific Advisory Boards:

*American Association of Physical Anthropologists* – Executive Committee Member (elected; 2009-present)

*National Research Centre of Human Evolution (CENIEH), Burgos, Spain* – Member, Scientific Advisory Board (appointed 2008-present)

*American Association of Physical Anthropologists* – Co-Chair, Ad Hoc Committee on the Status of Underrepresented Groups in Physical Anthropology (appointed; 2006-present)

*American Association for the Advancement of Science* – Section H (Anthropology), Member-at-Large (elected; 2004-2008)

*Institute of Dental History and Craniofacial Study, UOP, SF, CA.* – Member, Scientific Advisory Board (appointed; 1993 – present)

Honors and Awards:

- |      |                                                                                                                                           |
|------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 2008 | <b>Fellow, American Association for the Advancement of Science.</b>                                                                       |
| 2008 | <b>Golden Dozen Teaching Award, College of Arts and Sciences, New York University.</b>                                                    |
| 2003 | <b>Board of Trustees Research Fellowship for Scholarly Excellence, Rutgers University</b><br>– one of four FAS faculty.                   |
| 2000 | <b>Who's Who Among America's Teachers, 6<sup>th</sup> edition.</b>                                                                        |
| 1998 | <b>Who's Who Among America's Teachers, 5<sup>th</sup> edition.</b>                                                                        |
| 1998 | <b>University of Florida President's 'View Book'</b> - One of two CLAS faculty to represent the University to the legislature and donors. |
| 1998 | <b>Women's Studies Student Association</b> - Featured Professor, Women of UF, Calendar.                                                   |
| 1997 | <b>Teacher of the Year Award,</b> College of Liberal Arts and Sciences, University of Florida.                                            |
| 1994 | <b>Award for Teaching Excellence in the Basic Sciences.</b> Health & Medical Sciences Program (HMSP), UCB.                                |
| 1993 | <b>Award for Teaching Excellence in the Basic Sciences.</b> HMSP, UCB.                                                                    |
| 1989 | <b>Outstanding Graduate Student Instructor Award,</b> UCB.                                                                                |
| 1987 | <b>Academic All American Collegiate Award.</b>                                                                                            |
| 1986 | <b>Golden Key National Honor Society.</b>                                                                                                 |
| 1985 | <b>Phi Beta Kappa</b> (Elected as a Junior).                                                                                              |

1982 **Biological Sciences Award**, Fairfield County Medical Association.

Fellowships/Scholarships:

1999 **Ford Foundation Postdoctoral 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.

Grants:

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. BCS-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.

2006-07 **National Science Foundation** – Workshop – New Directions in Physical Anthropology – Integrating Skeletal Morphology, Human Biology, and Primate Behavior P.I. S.C. Antón. BCS-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.

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. BCS- 0421040)

2003-2007 **National Science Foundation** – Late Pleistocene *H. erectus* in Java: Context of Ngandong, Sambungmacan and Jigar. P.I.: S.C. Antón.

2002 **American Association for the Advancement of Science (Women's International Science Collaboration)** – Historical evidence for the context of Ngandong and Sambungmacan

2002 **Center for Human Evolutionary Studies**, Rutgers – Excavation and site formation in the 20m terrace, Solo Valley, Java Indonesia

2000-2001 **Ford Foundation Research Grant** – Related to The Evolution of Human Growth Patterns

1999-2001 **National Geographic Society** - Mortuary Patterns on Mangaia, Cook Islands: Burial Caves and Rockshelters. with D.W. Steadman.

1999-2000 **Ford Foundation Postdoctoral Grant** - The Evolution of Human Growth Patterns

- 1999-2000 **National Science Foundation - Undergraduate Research Experience Supplement for -** Australian Cranial Traits: Function Development, and Modern Human Origins.
- 1998-2001 **National Science Foundation -** Australian Cranial Traits: Function Development, and Modern Human Origins,. BCS 9804861)
- 1997 **L.S.B. Leakey Foundation -** Australian Cranial Traits: Mastication and Modern Human Origins.
- 1996 **Interdisciplinary Research Initiative, University of Florida -** Trouble in Paradise: Prehistoric social and environmental stress in Polynesia. with D.W. Steadman (Florida Museum of Natural History), and L. Norr (Dept. Anthropology, UF).
- 1995 **Florida Foundation, Division of Sponsored Research, University of Florida -** Evolution of *Homo erectus* in Indonesia.
- 1992 **Wenner-Gren Foundation for Anthropological Research -** Phylogenetic and Functional Influences on Primate Masticatory Muscle Architecture. Dissertation grant with F.C. Howell Grant #5481.
- 1992 **L.S.B. Leakey Foundation -** Phylogenetic and Functional Influences on Japanese Macaque Masticatory Muscle Architecture. Dissertation grant with F.C. Howell.
- 1992 **Thayer Fund -** Educational Exhibits on Dental Evolution.
- 1990 **Sigma Xi Small Research Grant -** Pilot project on masticatory musculature in rabbits (\$700).
- 1989 **Ronald Olson Graduate Scholarship.** Department of Anthropology, UCB. For research project on Facial Changes Subsequent to Artificial Vault Deformation.

#### Research Apprenticeships:

- 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.

Courses TaughtNew 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**  
**Departmental Seminar – Race** - (w/ A. Khan)

Undergraduate  
**Fossil Evidence for Human Evolution (50 students)**  
**Introduction to Forensic Anthropology (48 -70 students)**  
**Human Evolution (80 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** (with Swisher)  
**Seminar in Human Evolution** (with Blumenschine)  
**Seminar in African Prehistory** (with 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  
**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).

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)
- 1984-83        **Laboratory Helper:** Language Laboratory, UCB.

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.

Associations:

American Association for Advancement of Science, American Anthropological Association, 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.

Publications:

Websites:

- 2009            [www.bonesandbehavior.org](http://www.bonesandbehavior.org) – with J.J. Snodgrass, presenting the integrated data collection protocols and program from NSF funded workshop BCS 0633167.

Books:

- 2010            Stanford, C.B., Allen, J.S. and **Antón, S.C.** *Exploring Biological Anthropology*, 2<sup>nd</sup> edition.. Pearson-Prentice Hall. (published and available Feb 2009)
- 2009            Stanford, C.B., Allen, J.S. and **Antón, S.C.** *Introduction to Biological Anthropology: A Natural History of Humankind*. 2<sup>nd</sup> edition.. Pearson-Prentice Hall. (published and available Feb 2008)
- 2008            Stanford, C.B., Allen, J.S. and **Antón, S.C.** *Exploring Biological Anthropology*. Pearson-Prentice Hall. (published and available Feb 2007)
- 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)

Peer-Reviewed Journals:

- Accepted        **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.
- 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 (2008a)**. *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.G. **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

- 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/contents_dynamic.asp);  
<http://www.paleoanthro.org/journal/content/PA20070036.pdf>; ISSN 1545-0031.
- 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)
- 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. Henke, Rothe and Tattersall (eds). *Handbook of Paleoanthropology, Volume 3, Chapter 11*; Pp. 1655-1693. Springer-Verlag, Berlin. (peer reviewed)
- 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

Special Distribution Publications

- 2009 Antón, S.C. and Worthington, B.E. **Canid Remains from Palencia, St. Augustine, FL.** Report for SEARCH, Inc., Jonesville, FL. 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 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](http://www.bbc.co.uk/science/apeman/dig_deeper/articles.shtml)
- 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 sets: I: Cranial Trauma, II: Congenital Craniofacial Conditions, III: Dental Development and Pathology
- 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:

- 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 in press.
- 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.
- 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, San Francisco, 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 subgroups.** 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.

- 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, 70<sup>th</sup> 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:

- 2009 **Bones and Behavior. Organizer and Participant.** Workshop “New Directions in Physical Anthrpology III – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Chicago, IL. April 4<sup>th</sup>, 2009.
- 2008 **Bones and Behavior. Organizer and Participant.** Workshop “New Directions in Physical Anthrpology II – Integrating Skeletal Morphology, Human Biology, and Primate Behavior” Columbus, OH. April 12<sup>th</sup>, 2008.
- 2007 **Bones and Behavior. Organizer and Participant.** NSF Funded Workshop “New Directions in Physical Anthrpology – 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:

- 2009 **Darwin's 2<sup>nd</sup> 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.
- 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.

**Graduate Students in Progress:****Chair:**

PHD - Connie Fellmann, Chris Rainwater, Maja Seselj, Emily Middleton.

MA –Victoria Domínguez, Nick Holowka, Stephanie Minor, Kinley Russell, Elle Saine, Allison Sharplin, Bob Vannucci.

**Graduate Students Completed:****Chair:**

**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 (tenure-track)

**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 (tenure-track)

**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)

**Emily Middleton** (MA, '08)

*Thesis :* Pelvic morphology, locomotion, and prehensile tails: A 3D geometric morphometric approach

*Currently:* PhD Program, New York University

**Hannah Carter-Menn** (MA, '08)

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

*Currently:* Fellowship Coordinator, Population Council of NY.

**Habiba Chirchir** (MA, '08)

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

*Currently:* PhD Program, George Washington University.

**Emily Middleton** (MA, '08)

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

*Currently:* PhD Program, NYU.

**Allysha Powanda** (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.

**Ariana Ridgely** (MA, '08)

*Thesis :* Macroscopic and Microscopic Characteristics of Hacking Trauma on Bone

*Currently:* New York University School of Dentistry, Anatomy technician.

**Jeannette Fridie** (MA, '07)

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

*Currently:* Office Chief Medical Examiner, NY – Forensic Anthropology (Crim I).

**Megan Ingvoldstad** (MA, '07)

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

*Currently:* PhD Program, Ohio State University.

**Deena Emera** (MA, '06)

*Thesis :* Biological Affinity of a Prehistoric Cook Island Population: the Dental and Genetic Evidence

*Currently:* PhD program, Biology, Yale University.

**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*: PhD Program, New York University

**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*: Retired. (PhD Rutgers, 2007)

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

*Thesis* : Estimation of Femoral Length and Stature in Modern and Fossil Hominins: A test of methods

*Currently*: PhD program, New York University.

**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*: Loyola 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*: PhD program, University of Toronto.

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

Master's Paper: Bioenergetics, Body Composition, and the Expensive Tissue Hypothesis.

*Currently*: Faculty, Dept Anthropology, University of Oregon (tenure-track); (PhD Northwestern 2004).

### **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)

**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)

**Squyres, Nicky**                 **Thesis**: Predicting body size and thorax shape from bone dimensions in living humans: implications for Neandertal body size and shape. (2009-2010).

**Viterbo, Kyle**                    **Thesis**: Human evolution in Southeast Asia with special reference to Tabon Cave. (Funded by DURF; 2007).

#### **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.