

George Chaplin
Curriculum Vitae,
June 2019

Office address Department of Anthropology, The Pennsylvania State University, 409 Carpenter Building, University Park, Pennsylvania 16802, U.S.A.
Office telephone number 1 (814) 865-2509
Office fax number 1 (814) 863-1474
Electronic mail address guc5@psu.edu

Highest Degree:

2001: M.Sc. in GIS, (Awarded With Distinction) Department of Environmental Studies, Manchester Metropolitan University, U.K.

Certification

GISP (Certified GIS Professional --GIS Certification Institute)

Awards

2001: Association for Geographic Information (AGI), Student of the Year Award for a thesis at any level award at a UK University sponsored by the Ordnance Survey
2012 onwards: Associate Fellow Stellenbosch Institute for Advanced Study

Employment

Current Appointments:

Lecturer, Dutton e-Education Institute, MGIS Program Department Geography, The Pennsylvania State University
Senior Research Associate, Anthropology Department, The Pennsylvania State University
Member of Graduate Faculty, The Pennsylvania State University voted in 2010

Grants:

Co-Principal Investigator Late Prehistoric Warfare in Eastern North America: Spatial and Temporal Variation in its Nature and Intensity \$250,000 NSF BCS 1049464
Investigator, "Paleobiogeography, paleoecology, and continued investigation of a diverse, terminal Miocene, primate-bearing fauna from southern China" (NSF BCS Grant 1227927; August 2012 through July 2015)
Knut and Alice Wallenberg Foundation and Riksbankens Jubileumsfond, Sweden (ZAR 3,000,000 to the Stellenbosch Institute for Advanced Study (STIAS) for the project "Being Human in a Post-modern World: The Effects of Race" Minor Contributor

Teaching

Courses Taught: ANTH 497c, GEOG 488, GEOG 598a, , GEOG 864,
Research Ethics Seminar MGIS program, GEOG 583 offered twice PA

Student Supervised: Assisted with following students: Zaid Alwari PhD
PSU 2018, Leslie Zolman MGIS PSU 2010, Maureen O'Mara, MGIS PSU
2010, Anthony Macharia, MSc. San Francisco State University 2003, Paul
Ottaviano, MSc. The University Western Australia 1993.

Society Memberships:

Member of Association of American Geographers
Member of International Primate Society
Member of The Society for Vertebrate Paleontology
Member of American Association of Physical Anthropologists
Member of The American Association Advancement of Science

Major Research Interests:

1. Evolution of human skin and skin pigmentation: Study of the origin, evolution, and ramifications of a functionally naked and pigmented integument in humans, drawing upon anatomical, physiological, paleontological, epidemiological, and environmental data
2. How Skin Color contributes to Racial Classification and Concepts
3. Epidemiology of Chronic Diseases: in relation to environmental variables.
4. Population of Native Americans: in relation to disease, distribution, and conflicts.
5. Mammalian paleoecology in the late Tertiary and Quaternary: Examination of the history of mammalian lineages to post-Miocene environments.
6. Primate evolution, with emphasis on the evolution of primate lineages in relation to environmental change: Long-term interest in the evolution and biogeography of Old World monkeys.
7. Evolution of hominid bipedalism: Concentration on the identification of the behaviors which triggered the initial transition to bipedal posture and locomotion in the human lineage, with particular reference to the role of bipedal displays and the importance of physical stature

Publications:

Peer Reviewed 1st or Corresponding Author:

1. **Chaplin, G.**, and Nina G. Jablonski. (2019). 'Semantics in the philosophy of race.' in Nina G. Jablonski and Gerhard Maré (eds.), *The Effects of Race, Volume 2*. Stellenbosch, South Africa: AFRICAN SUN MeDIa
2. **Chaplin, G.**, (2018) An informational taxonomy of race-ideation.' in Nina G. Jablonski and Gerhard Maré (eds.), *The Effects of Race. Volume 1* Stellenbosch, South Africa: AFRICAN SUN MeDIa
3. **Chaplin, G.**, Jablonski, N.G., Sussman, R.W. and Kelley, E.A. (2014) The role of piloerection in primate thermoregulation. *Folia Primatologica*. 85:1-17. DOI: 10.1159/000355007 (Winner of Editor's Choice and given Free Open Access)

4. **Chaplin, G.** and Jablonski, N.G. 2013. The human environment and the vitamin D compromise: Scotland as a case study in human biocultural adaptation and disease susceptibility. *Human Biology*. 85:529-552. DOI: 10.1353/hub.2013.0028.
5. Disanto G, **Chaplin G**, Morahan JM, Giovannoni G, Hypponen E, et al. (2012) Month of birth, vitamin D and risk of immune mediated disease: a case control study. *BMC Med* 10: 69.
6. S.V. Ramagopalan, A.E. Handel, G. Giovannoni, S. Rutherford Siegel, G.C. Ebers, and **G. Chaplin** (2011) Period Prevalence of Multiple Sclerosis in England: Relationship to UV Exposure *Neurology* 76: 1410-1414.
7. G. Disanto, S.V. Ramagopalan, J.M. Morahan, E. Hypponen, G.C. Ebers and **G. Chaplin** (2011) Gestational ultraviolet and vitamin D exposure and the risk of multiple sclerosis in the United Kingdom Abstract American Academy of Neurology
8. **Chaplin, G.** and Jablonski, N.G. (2009) Vitamin D and the evolution of human depigmentation.. *Am. J. Phys. Anthropol.* 139(4) pp. 451-461.
9. **Chaplin, G.** (2007) "Skin colour map (indigenous people)" Vital Ozone Graphics UNEP/GRID-Arendal Maps and Graphics Library, p. 16.
10. **Chaplin, G.** (2005) Physical Geography of the Gaoligong Shan Area of Southwest China in Relation to Biodiversity, Proceedings of The California Academy of Sciences, Fourth Series, Volume 56, No. 28, pp. 527–556
11. **Chaplin, G.** (2004) Geographic distribution of environmental factors influencing human skin coloration. *Am J Phys Anthropol.* 2004 Nov;125(3):292-302
12. **Chaplin, G.** and Jablonski, N.G. (2002) Environmental correlates of human skin color, revisited. *Am. J. Phys. Anthropol.* Suppl. 34, p. 53. ABSTRACT
13. **Chaplin, G.** and Jablonski, N.G. (1998) The integument of the odd-nosed colobines. In: Jablonski, N.G. (ed.) *The Natural History of the Doucs and Snub-nosed Monkeys*, Singapore: World Scientific Publishing Co., pp. 79-104.
14. **Chaplin, G.** and Jablonski, N.G. (1998) Comment on hemispheric difference in skin color. *Am. J. Phys. Anthropol.* 107:221-224.
15. **Chaplin, G.**, Jablonski, N.G., and Cable, N.T. (1994) Physiology, thermoregulation and bipedalism. *J. Hum. Evol.* 27:497-510.
16. **Chaplin, G.** and Jablonski, N.G. (1994) Ethnographers ignore morphology at their peril – A review and critique of *The Egalitarians: A New Examination of Chimpanzee Social Organisation*, by Margaret Powers. Cambridge University Press, 1991, 290 pp. *Australian Primatology* 8(3):9-11. BOOK REVIEW
17. **Chaplin, G.** (1991). "A comment on the effect of posture and locomotion on energy expenditure." *Am J Phys Anthropol* 84(1): 99-101.

Peer Reviewed:

1. Lucock, Mark, Rohith Thota, Manohar Garg, Charlotte Martin, Patrice Jones, John Furst, Zoe Yates, Nina G. Jablonski, **George Chaplin**, Martin Veysey, and Emma Beckett. (2019). Early lifecycle UV-exposure calibrates adult vitamin D metabolism: Evidence for a developmentally originated vitamin D homeostat that may alter related adult phenotypes, *American Journal of Human Biology*, Early View: e23272. DOI: 10.1002/ajhb.23166

2. Hlusko, Leslea J., J.P. Carlson, **George Chaplin**, Scott A. Elias, John F. Hoffecker, M. Huffman, Nina G. Jablonski, Tesla A. Monson, Dennis H. O'Rourke, M.A. Pilloud, and G.R. Scott. 2018. Environmental selection during the last ice age on the mother-to-infant transmission of vitamin D and fatty acids through breast milk, *Proceedings of the National Academy of Sciences*, 115: E4426-E432. <https://doi.org/10.1073/pnas.1711788115>.
3. Iliescu, F. M., **George Chaplin**, N. Rai, G.S. Jacobs, Chandana Basu Mallick, Abhishek Mishra, Kumarasamy Thangaraj, and Nina G. Jablonski. 2018. The influence of genes, the environment, and social factors on the evolution of skin color diversity in India, *American Journal of Human Biology*, 30: e23170. DOI: 10.1002/ajhb.23170
4. Jablonski, Nina G., and **George Chaplin**. 2018. The roles of vitamin D and cutaneous vitamin D production in human evolution and health, *International Journal of Paleopathology* <https://doi.org/10.1016/j.ijpp.2018.01.005>,
5. Beckett, Emma L., Patrice Jones, Martin Veysey, Konsta Duesing, Charlotte Martin, John Furst, Zoe Yates, Nina G. Jablonski, **George Chaplin**, and Mark Lucock. 2017. VDR gene methylation as a molecular adaptation to light exposure: Historic, recent and genetic influences, *American Journal of Human Biology*, 29: e23010.
6. Cuthill, Innes C., William L. Allen, Kevin Arbuckle, Barbara Caspers, **George Chaplin**, Mark E. Hauber, Geoffrey E. Hill, Nina G. Jablonski, Chris D. Jiggins, Almut Kelber, Johanna Mappes, Justin Marshall, Richard Merrill, Daniel Osorio, Richard Prum, Nicholas W. Roberts, Alexandre Roulin, Hannah M. Rowland, Thomas N. Sherratt, John Skelhorn, Michael P. Speed, Martin Stevens, Mary Caswell Stoddard, Devi Stuart-Fox, Laszlo Talas, Elizabeth Tibbetts, and Tim Caro. 2017. The biology of color, *Science*, 357 DOI: 10.1126/science.aan0221.
7. Iliescu, F. M., **George Chaplin**, Niraj Rai, Guy S. Jacobs, Chandana Basu Mallick, Anshuman Mishra, Rie Goto, Rakesh Tamang, Gyaneshwer Chaubey, Irene Gallego Romero, Federica Crivellaro, Ramasamy Pitchappan, Lalji Singh, Marta Mirazon-Lahr, Mait Metspalu, Kumarasamy thangaraj, Toomas Kivisild, and Nina G. Jablonski. 2017. The complicated genetic landscape of skin color in India, *American Journal of Physical Anthropology*, 162: 226.
8. Jones, Patrice, Mark Lucock, Martin Veysey, Nina G. Jablonski, **George Chaplin**, and Emma Beckett. 2017. Frequency of folate-related polymorphisms varies by skin pigmentation, *American Journal of Human Biology*, Early View: e23079.
9. Lucock, Mark, Emma Beckett, Charlotte Martin, Patrice Jones, John Furst, Zoe Yates, Nina G. Jablonski, **George Chaplin**, and Martin Veysey. 2017. UV-associated decline in systemic folate: Implications for human nutrigenetics, health, and evolutionary processes, *American Journal of Human Biology*, 29: e22929.
10. Lucock, Mark, Rohith Thota, Manohar Garg, Charlotte Martin, Patrice Jones, John Furst, Zoe Yates, Nina G. Jablonski, **George Chaplin**, Martin Veysey, Jessie M. Sutherland, and Emma Beckett. 2018. Vitamin D and folate: A reciprocal environmental association based on seasonality and genetic disposition, *American Journal of Human Biology*.

11. Jablonski, N.G. and **Chaplin, G.** (2017) The colors of humanity: The evolution of pigmentation in the human lineage. *Phil. Trans. Royal Soc. B. B* 20160349. <http://dx.doi.org/10.1098/rstb.2016.0349>.
12. Lucock, M., , Beckett, E., Martin, C., Jones, P. Furst, J., Yates, Z., Jablonski, N.G., **Chaplin, G.** and Veysey, M. (2017) UV-associated decline in systemic folate: Implications for human nutrigenetics, health, and evolutionary processes. *Amer. J. Hum. Biol.*
13. Dostie, Marcus J., et al. "Proof of principle: the adaptive geometry of social foragers." *Animal Behaviour* 119 (2016): 173-178.
14. Kelley, E.A., Jablonski, N.G., **Chaplin, G.**, Sussman, R.W. (2016) Behavioral thermoregulation in Lemur catta: The significance of sunning and huddling behaviors. *Amer. J. Primatol.* 78: 745-754. DOI: 10.1002/ajp.22538
15. Coussens, A.K., Naude, C. E., Goliath, R., **Chaplin, G.**, Wilkinson, R.J. and Jablonski, N.G. (2015) High-dose vitamin D3 reduces deficiency caused by low UVB exposure and limits HIV-1 replication in urban Southern Africans. *Proceedings of the National Academy of Sciences.* 112:8052-8057.
16. Lucock, M., Yates, Z., Martin, C., Choi, J.H., Boyde, L., Tang, S., Naumovski, N., Furst, J. Roach, P., Jablonski, N.G., **Chaplin, G.** and Veysey, M. (2014) Vitamin D, folate, and potential early lifecycle environmental origin of significant adult phenotypes. *Evolution, Medicine, and Public Health Evolution, Jan(1): 69-91*
17. Jablonski, N.G., Kelley, E.A., **Chaplin, G.**, and Sussman, R.W., Hair, skin, and the evolution of behavioral thermoregulation in Lemur catta and other small-bodied primates. *International Journal of Primatology.*
18. Jablonski, N.G. and **Chaplin, G.** (2014) Skin cancer was not a potent selective force in the evolution of protective pigmentation in early hominins *Proceedings of the Royal Society B: Biological Sciences.* 281:20140517. doi: 0.1098/rspb.2014.0517.
19. Jablonski, N.G. and **Chaplin, G.** (2014) The evolution of skin color and hair texture in people of African ancestry, For: N. P. Khumalo, editor, *Dermatologic Clinics Special Issue: Skin and Hair Disorders in People of African Ancestry.* DOI: 10.1016/j.det.2013.11.003
20. Coussens, A.K.; Naude, C.; Goliath, R.; **Chaplin, G.**; Jablonski, N.G; Wilkinson, R.J. (2014) The impact of seasonal vitamin D deficiency and vitamin D supplementation on the HIV-1 immune response. *Nutrients* 6:2766-2767
21. Milner, George R., **George Chaplin** and Emily Zavodny 2013. Conflict and Societal Change in Late Prehistoric Eastern North America. *"Evolutionary Anthropology: Issues, News, and Reviews"* 22(3):96-102.
22. Jin JJH, Jablonski NG, Flynn LJ, **Chaplin G.**, Xueping J., Li Zhicaie, Shi Xiaoxue, Li Guihuaf. (2012) Micromammals from an early Holocene archaeological site in southwest China: Paleoenvironmental and taphonomic perspectives. *Quaternary International.*
23. Jablonski, N.G., and **Chaplin, G.**, (2013) Epidermal pigmentation in the human lineage is an adaptation to ultraviolet radiation, *Journal of Human Evolution.* 65:671-675. DOI: 10.1016/j.jhevol.2013.06.004

24. Siegel SR, Mackenzie J, **Chaplin** G, Jablonski NG, Griffiths L., (2012) Circulating microRNAs involved in multiple sclerosis. *Mol Biol Rep* 39: 6219-6225.
25. Jablonski NG, **Chaplin** G (2012) Human skin pigmentation, migration and disease susceptibility. *Philos Trans R Soc Lond B Biol Sci* 367: 785-792.
26. Jablonski NG, **Chaplin** G., (2010) Human skin pigmentation as an adaptation to UV radiation. *Proc. Natl. Acad. Sci. U.S.A.* 2010 May 11;107 Suppl 2:8962-8. Epub 2010 May 5. PMID: 20445093
27. Milner, G. **Chaplin, G.**, (2010) Estimate of Native American population at 1500, *American Antiquity* 75:707-726
28. Jaap Struijs, Arjan van Dijk, Harry Slaper, Harm J. van Wijnen, Guus J.M. Velders, **George Chaplin** and Mark A.J. Huijbregts. (2010) Spatial- and time explicit human damage modelling of ozone depleting substances in Life Cycle Impact Environ Sci Technol.; 44(1):204-9. PMID: 19958022
29. Jablonski, N.G. and **Chaplin, G.** (2010) Evolution of the small ape niche. Part of the symposium, The Evolution of Gibbons: Molecular Genetics, Morphology, Behavior, and the Fossil Record. Abstracts of the XXXIIIrd Congress of the International Primatological Society.
30. Jablonski, N.G. and **Chaplin, G.** (2009) The Fossil Record of Gibbons, *In The Gibbons: New Perspectives on Small Ape Socioecology and Population Biology*. Lappan, S. and Whittaker, D.J. (eds.), New York, Springer, pp. 113-130.
31. Jablonski, N.G., Kelley, E.A., Sussman, R.W., and **Chaplin, G.** (2009) A framework for understanding thermoregulation in primates. *Am. J. Phys. Anthropol.* Suppl. 48, pp. 156.
32. Jablonski, N.G. and **Chaplin, G.** (2008) Natural language descriptions and keys of the Koobi Fora monkey fossil species using DELTA. In: Jablonski, N.G. and Leakey, M.G. (eds.) *Koobi Fora Research Project. Volume 6. The Fossil Monkeys*. California Academy of Sciences, San Francisco, pp. 301-336.
33. Gorham, E.D., Mohr, S.B., Garland, C.F, **Chaplin, G.**, and Garland, F.C. (2007) Do sunscreens increase risk of melanoma in populations residing at higher latitudes? *Ann. Epidemiol.* 17(12), pp. 956-963.
34. Ji, X.-P., Jablonski, N.G., **Chaplin, G.**, Liu, J.-W., Dong, W., Li, Z.-C., and Wang, L.-R. (2004) Preliminary report of mammal fossils recovered from the 2003 field seasons from Tangizgou, Yunnan. In: Dong, W. (ed.), *Proceedings of the Ninth Annual Symposium of the Chinese Society of Vertebrate Paleontology*. China Ocean Press, Beijing, pp. 243-252. In Chinese – English version to be published shortly.
35. Jablonski, N.G. and **Chaplin, G.** (2004) Becoming bipedal: How do theories of bipedalization stand up to anatomical scrutiny? In: Anapol, F., German, R.Z., and Jablonski, N.G., eds. *Shaping Primate Evolution: Form, Function and Behavior*. Cambridge, Cambridge University Press, pp. 281-296.
36. Jablonski, N.G., Ji, X.-P., **Chaplin, G.**, Wang, L.-R., Yang, S.-Y., Li, Z.-C., and Li, G.-H. (2003) A Preliminary report on new and previously known vertebrate paleontological sites in Baoshan Prefecture, Yunnan Province, China. *Proc. Cal. Acad. Sci.* 54:209-224.

37. Jablonski, N.G., **Chaplin, G.**, and McNamara, K.J. (2001) Natural selection and the evolution of hominid patterns of growth and development. In: Minugh-Purvis, N. and McNamara, K.J., eds. *Human Evolution through Developmental Change*. Baltimore, The Johns Hopkins University Press, pp. 189-206.
38. Jablonski, N.G. and **Chaplin, G.** (2000) The evolution of human skin coloration. *J. Hum. Evol.* 39:57-106.
<http://www.idealibrary.com/links/doi/10.1006/jhev.2000.0403>.
39. Jablonski, N.G. and **Chaplin, G.** (2000) Do theories of bipedalization stand up to anatomical scrutiny? *Am. J. Phys. Anthropol.* Suppl. 30, p. 187.ABSTRACT
40. Jablonski, N.G. and **Chaplin, G.** (1999) Chimp cultural diversity. *Science* 285(5429): 836-7 Letter in Scientific Correspondence.
41. Jablonski, N.G., Pan, R.-L., and **Chaplin, G.** (1998) Mandibular morphology of the doucs and snub-nosed monkeys in relation to diet. In: Jablonski, N.G. (ed.) *The Natural History of the Doucs and Snub-nosed Monkeys*, Singapore: World Scientific Publishing Co., pp. 105-128
42. Jablonski, N.G. and **Chaplin, G.** (1994) Avant les premiers pas: l'Origine de la bipédie. *La Recherche* 25:80-81.
43. Jablonski, N.G. and **Chaplin, G.** (1993) Origin of habitual terrestrial bipedalism in the ancestor of the Hominidae. *J. Hum. Evol.* 24:259-280.
44. Jablonski, N.G. and **Chaplin, G.** (1992) The origin of hominid bipedalism re-examined. *Archaeol. Oceania* 29:115-125.

Popular scientific articles (not peer-reviewed):

Chaplin, G. (2003) GIS Emerging Technology, *Anthropology News* 44:7
15 Oct 2003

Chaplin, G. (2002) Map Contributor to National Geographic Society: Skin Unmasked.

Jablonski, N.G. and **Chaplin, G.** (2002) **Skin deep.** *Scientific American.* 287(4):50-55.

In Preparation

Settler Colonialism, Nationalism, and Geopolitical Politics: An Overview of the Mobilization Race in South Africa in the Context of Lost Turning Points **George Chaplin** Chapter in STIAS Book 2017

Popular Scientific Articles Representing Chaplin's Research:

Diamond, J. (2005) Geography and skin color. *Nature* 435:283-284.

<http://www.nature.com/nature/journal/v435/n7040/edsumm/e050519-04.html>

Barnett, A. (2002) Fair enough. *New Scientist*, October 2002, vol. 176 issue 2364-12, p. 34.

Kirchweger, G. (2001) Black and white. *Discover*, February 2001. 22 (2):32-33.

Hickey, G. (2001) Sex in the Sun? *Nature Australia*, Spring 2001, 27(2): 6-7.

Edgar, B. (2000) Why Skin Comes in Colors. *California Wild*, Volume 53, No. 1 (Winter 2000)
<http://www.calacademy.org/calwild/winter2000/html/horizons.html>

Invited presentations:

- 1996: Department of Geography Seminar Series, The University of Western Australia, “The Use of GIS in Paleoenvironmental Reconstruction and the Study of Paleobiodiversity”
- 1997: “The Modoc County Project: Mining the Potential of Legacy Data in Conservation GIS”, to the Conservation Biology Group, ESRI Users Conference
- 1997: Computer demonstration of the Modoc Project, ESRI Users Conference
- 1997: Poster: The Modoc Project, ESRI Users Conference
- 1997: “The Potential of GIS in Collection Data Management in a Natural History Museum Setting”: San Francisco Bay ArcView Users Group
- 1998: California Biodiversity Council, Annual Meeting at the Presidio of San Francisco, “Time Depth of Biodiversity as Sampled in Museum Collections”
- 1998: “What human skin can tell us about future frog distributions” ESRI Users Conference
- 1999: “The Evolution of Human Skin Coloration,” Department of Anthropology Seminar Series, Harvard University, Cambridge, Massachusetts
- 1999: “Probing the Geography and Biology of Extinctions: Environmental Change and Primate Evolution in Asia During the Late Tertiary and Quaternary”, University of California at Davis, Department of Anthropology Seminar Series
- 2000: “Museum Technology and Information Technology” Stanford University
- 2001: “Geocoding biodiversity holdings” ESRI Users Conference
- 2002: Map Gallery ESRI Users Conference Predicting Skin Color
- 2002: Stanford Anthropology Sciences using GIS in Anthropology to organize data.
- 2003: Geographic distribution of environmental factors influencing human skin coloration Simon Fraser University UNIGIS Annual Conference
- 2004: Integrating data through geography. NSF Workshop on faunal evidence for hominin paleoecology in East Africa, Smithsonian Organizers: AK. Behrensmeyer, R Bobe, & Z Alemseged
- 2004: GIS in Human Evolutionary Studies at the California Academy of Sciences Conservation GIS Map Gallery ESRI Users Conference
2004. “Solar Ultraviolet Radiation and The Evolution of Human Skin Coloration”, Keynote Address, 4th International Conference on Astrobiology, NASA Ames Laboratory, Mountain View, California. Presented by Jablonski, N.G..

- 2005: The Physical Geography of the Gaoligong Shan Area, California Academy of Sciences to visiting Chinese Scholars of the Academia Sinica Presented by **George Chaplin**.
- 2005: “The Role of Bipedal Displays in the Origin of Bipedalism in the Human Lineage”, Department of Anthropological Sciences, Stanford University. Presented by Jablonski, N.G..
- 2007: “The Evolution of Human Skin and Skin Color”, invited lecture, Department of Neurobiology, The Pennsylvania State University, Hershey, PA. Presented by Jablonski, N.G..
- 2007: “The Evolution of Human Skin Color: Meeting Place of Geography and Physiology”, invited “Coffee Hour” presentation to the Department of Geography, The Pennsylvania State University. Presented by Jablonski, N.G..
- 2007: GR Milner, **G Chaplin** A New Estimate of Population Distribution and Size at AD 1500 for Eastern North America from Archaeological Data. Southeastern Archaeological Conference, Knoxville, TN
- 2008: “The Evolution of Human Skin and Skin Color”, invited lecture, Department of Anthropology, University of Buffalo. Presented by Jablonski, N.G..
- 2008: “Skin Color It’s Evolution and Geography” Syracuse University. Presented by Jablonski, N.G..
- 2010: Jablonski, N.G. and **Chaplin, G.** (2010) Evolution of the small ape niche. Part of the symposium, The Evolution of Gibbons: Molecular Genetics, Morphology, Behavior, and the Fossil Record. Congress of the International Primatological Society. Presented by Jablonski, N.G..
- 2012: E Zavodny, GR Milner, **G Chaplin**. Temporal and Spatial Variation in Late Prehistoric Warfare in Eastern North America. Society for American Archaeology, Memphis, TN.
- 2012 Milner GR, **Chaplin G**, Zavodny E. Warfare in the late prehistoric Midwest, and its relationship to conflicts elsewhere in the Eastern Woodlands. Midwest Archaeological Conference, East Lansing, MI.
- 2012: Human skin pigmentation: Evolution and implications for disease. Tygerberg Hospital Stellebosch University South Africa
- 2015: George R. Milner, **George Chaplin**, Warfare, Population, and Society in Late Prehistoric Eastern North America, AAAS San Jose
- 2016: Jablonski N.G. an Chaplin G. Variation in Human Skin Colouration in Advances in Understanding Animal Coloration: Philosophical Transactions Abstract and conference at Berlin Tim Caro organizer.

Educational Public Television and Museum Programs

- 2010 Skin Deep Pty Ltd., a subsidiary of Electric Films Ltd., Documentary on the evolution and meaning of skin color; funded by UNESCO, and the governments of France and Australia.
- 2009 Jeff Kennedy Associates: science museum exhibition. Evolution and Health, funded by a NIH, Science Education Partnership Award (SEPA).
- 2008 The causes of disease, NHK.
- 2007 Super Quarks -- Skin, RAI.
- 2007 Contributor to exhibit, "Race: Are We so Different?" American Anthropological Association in collaboration with the Science Museum of Minnesota.
- 2004 Advisor and co-developer of exhibit on the evolution of human skin color and the relationship between skin color and race for the Curious Kids Museum, St. Joseph, Michigan
- 2002 Wells, S., National Geographic Society television production, "The Journey of Man", aired January 2003
- 2002 Bowman R., Scientific Advisor and Contributor to the joint National Geographic Society and PBS Production, "Skin", aired November 2002
- 2002 AAAS Contributor to "Science Update", the AAAS popular science radio program, on the evolution of human skin coloration
- 2002 Adlemann, L., Science advisor and contributor to PBS production, "Race: Creation of an Illusion"
- 2001 CBC Contributor to CBC Radio Science Program, "Quirks and Quarks", on the evolution of human skin coloration

Field Experience

Vertebrate paleontological surveys, excavations, and training:

- 2019 Haile-Selassie, Y. Woranso-Mille, Afar, Ethiopia.
- 2007 onward: Vertebrate paleontological survey of late Miocene and early Pliocene sites in northern Yunnan Province, China; Current research field site is Shuitangba, near Zhaotong, in northeastern Yunnan
- 2006: Vertebrate paleontological survey and excavation of the Tangzigou Holocene habitation site, western Yunnan Province, China
- 2004: Member, Vertebrate paleontological survey of Plio-Pleistocene localities at Koobi Fora, Lake Turkana Basin, northwestern Kenya, headed by Meave Leakey
- 2003: Member, Vertebrate paleontological survey and excavation at three Pleistocene and Holocene sites in western Yunnan Province, China; including Leader for wet- and dry-sieving for micromammal fossils
- 2002: Member, Vertebrate paleontological survey of four sites and excavation at three Pleistocene and Holocene sites in western Yunnan Province, China; including wet-sieving for micromammal fossils
- 1999: Vertebrate paleontological survey of Middle and Late Miocene Siwalik sites in western Nepal; including wet-sieving for micromammals

- 1998: Vertebrate paleontological survey of Middle and Late Miocene Siwalik sites in eastern and western Nepal
- 1997: Member, vertebrate paleontological survey of Late Miocene Siwalik sites in northern Pakistan, with team from Harvard University, headed by John Barry
- 1996: Member, vertebrate paleontological survey of Middle and Late Miocene Siwalik sites in northern Pakistan, with team from Harvard University, headed by John Barry