

CURRICULUM VITAE
Christopher C. Gilbert

Professor

Department of Anthropology, Hunter College of the City University of New York (CUNY)

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PROFESSIONAL APPOINTMENTS

Professor

Hunter College, CUNY, 2019 – present

Associate Professor

Hunter College, CUNY, 2015 – 2019

Research Associate, Division of Paleontology

American Museum of Natural History, 2018-present

Assistant Professor

Hunter College, CUNY, 2010 – 2015

Doctoral Faculty

The Graduate Center, CUNY, 2011 – present

Core Faculty

New York Consortium in Evolutionary Primatology (NYCEP), 2010 – present

Donnelley Postdoctoral Fellow

Yale Institute for Biospheric Studies (YIBS), Yale University, 2008-2010

Sponsors: Andrew Hill and Eric J. Sargis

EDUCATION

Ph. D. Anthropology

Stony Brook University, 2008

Thesis: African Papionin Phylogenetic History and Plio-Pleistocene Biogeography

Advisor: John G. Fleagle

M. A. Anthropological Sciences

Stony Brook University, 2005

A. B. Biological Anthropology and Anatomy (*Cum Laude*) & Primatology Certificate

Duke University, 2000

HONORS AND AWARDS

Hunt Postdoctoral Fellowship, Wenner-Gren Foundation, 2015-2016

The Feliks Gross Endowment Award for Outstanding Research by an Assistant Professor, CUNY Academy for the Humanities and Sciences, 2013

The Gaylord Donnelley Environmental Fellowship, YIBS, Yale University, 2008-2010

The Mildred Trotter Prize for Outstanding Student Scientific Presentation on Bones and Teeth, American Association of Physical Anthropologists, 2007 for paper entitled “Cranio-mandibular morphology supporting the molecular African papionin clades and the identification of ‘*Cercocebus antiquus*”

The Norman Creel Prize for Student Research in Anatomical Sciences, Department of Anatomical Sciences, Stony Brook University, 2007 for paper entitled “Cranio-mandibular morphology supporting the diphyletic origin of mangabeys and a new genus of the *Cercocebus/Mandrillus* clade, *Procercocebus*.”

Graduate Council Fellowship, Graduate School, Stony Brook University, 2001-2006

Presidential Fellowship, Graduate School, Stony Brook University, 2001-2004

Predocctoral Graduate Research Fellowship, Honorable Mention- National Science Foundation, 2002

GRANTS ACTIVITIES

External Grants Pending/Received

National Science Foundation Award NSF BCS-1945736- \$225,264 (Hunter College Budget) Received for research project “Collaborative Research: The chronology and ecological context of primate and mammalian evolution in the Lower Siwaliks of Ramnagar (Jammu and Kashmir), India”, 2020-2023. (Lead PI, total budget \$345,898, co-PIs Rajeev Patnaik, Biren Patel, Chris Campisano)

National Science Foundation Doctoral Dissertation Research Improvement Grant NSF BCS-2018093- \$19,000 (accepted out of \$25,034 awarded), Received for Julia Arenson (Co-PI) dissertation research project “Evolution of the Extant and Fossil Colobinae (Primates, Cercopithecoidea)”, 2020-2022. (PI)

L. S. B. Leakey Foundation Franklin Mosher Baldwin Fellowship - \$14,250 Received for Wasim Abass Wazir, Panjab University, graduate studies “First Year Baldwin Support”, 2020-2021. (Host Sponsor)

L. S. B. Leakey Foundation and National Geographic Franklin Mosher Baldwin Fellowship - \$14,500 Received for Deepak Choudhary, Panjab University, graduate studies “Second Year Baldwin Support Funded by Nat Geo”, 2020-2021. (Host Sponsor)

L. S. B. Leakey Foundation and National Geographic Franklin Mosher Baldwin Fellowship - \$13,100 Received for Deepak Choudhary, Panjab University, graduate studies “First Year Baldwin Support Funded by Nat Geo”, Fall 2019. (Host Sponsor)

L. S. B. Leakey Foundation- \$18,755 Received for research project “Primate Evolution, Chronology, and Biogeography in the Indian Lower Siwaliks”, 2018-2019. (PI; co-PIs Rajeev Patnaik, Biren Patel, Chris Campisano)

National Science Foundation Doctoral Dissertation Research Improvement Grant NSF BCS-1613434- \$25,166 Received for Kelsey Pugh (Co-PI) dissertation research project “Phylogenetic relationships of Mid-Late Miocene hominoids: implications for understanding great ape and human evolution”, 2016-2017. (PI)

Wenner-Gren Foundation Hunt Postdoctoral Fellowship- \$40,000 Received for support of writing project “Revised Biochronology of African Plio-Pleistocene Hominin Sites Using Cercopithecoid Taxa”, 2015-2016. (PI)

AAPA Professional Development Grant Program- \$5,000 Received for research project “Skeletal analysis of the Lesula: A reassessment of the *Cercopithecus hamlyni* group and the evolution of terrestriality in African guenons (Primates, Cercopithecinae, Cercopithecini)”, 2013. (PI)

Wenner-Gren Foundation- \$17,820 Received for research project “Biochronology of African Plio-Pleistocene Hominin Sites: A Reassessment Using Cercopithecoid Taxa”, 2012-2015. (PI; coPIs Stephen R. Frost, Eric Delson)

L. S. B. Leakey Foundation- \$11,735 Received for dissertation research project entitled “African Plio-Pleistocene Biogeography and Papionin Phylogenetic History”, 2005-2007. (PI)

Internal Grants Received

PSC-CUNY Research Award- \$3,482 Received for research project “Primate Ecology and Evolution during the Early Eocene Climatic Optimum”, 2019-2020. (PI)

CUNY Office of Research Summer Advanced Grantwriting Award- \$1,000 Received for grant writing project “Primate Evolution in the Miocene of India”, 2017-2018. (PI)

PSC-CUNY Research Award- \$3,460 Received for research project “Resolving the Taxonomy and Conservation Status of Two Extremely Rare African Monkeys”, 2017. (PI)

PSC-CUNY Research Award- \$3,500 Received for research project “Primate evolution and ecological diversity in the Paleocene-Eocene of North America”, 2016. (PI)

Hunter College Presidential Fund for Faculty Advancement- \$1,200 Received in support of research project “Geological context and timing of primate and mammalian evolution in the Indian Lower Siwaliks”, 2015. (PI)

Hunter College Presidential Fund for Faculty Advancement- \$1,000 Received in support of research project “The hand of *Cercopithecoides williamsi* (Mammalia, Primates): Earliest fossil evidence for pollical reduction among colobine monkeys and its implications for their evolution”, 2015. (PI)

PSC-CUNY Research Award- \$6,000 Received for research project “Paleontological and paleomagnetic investigations in the Indian Lower Siwaliks: Implications for hominoid evolution, biogeography, and molecular clocks”, 2014-2015. (PI)

Hunter College Presidential Travel Award- \$1,500 Received for travel and support of research project “Evolution of terrestriality in the African guenons: analysis of Lesula (*Cercopithecus lomamiensis*) skeletal anatomy in a broader context”, 2014. (PI)

PSC-CUNY Research Award- \$6,000 Received for research project “Biochronology of African Plio-Pleistocene Hominin Sites: A Reassessment Using Contemporaneous Cercopithecoid Taxa”, 2013 (PI)

PSC-CUNY Research Award- \$6,000 Received for research project “Primate Evolution and Biogeography in the Siwalik Hills of India”, 2011-2012. (PI)

Conference Travel Awards

Presidential Travel Award- \$1420 Hunter College, CUNY, 2019, for travel to the 88th Annual Meeting of the American Association of Physical Anthropologists in Cleveland, OH March 27th-30th.

Presidential Travel Award- \$1200 Hunter College, CUNY, 2018, for travel to the 87th Annual Meeting of the American Association of Physical Anthropologists in Austin, TX April 10th-15th.

Presidential Travel Award- \$1450 Hunter College, CUNY, 2017, for travel to the 86th Annual Meeting of the American Association of Physical Anthropologists in New Orleans, LA April 19th-22nd.

Presidential Travel Award- \$1070 Hunter College, CUNY, 2016, for travel to the 26th Congress of the International Primatological Society, Chicago, Illinois, August 21st-27th, 2016.

Presidential Travel Award- \$1000 Hunter College, CUNY, 2015, for travel to the 84th Annual Meeting of the American Association of Physical Anthropologists in St. Louis, MO, March 25th-28th.

William Stewart Travel Award Program- \$500 CUNY Academy for the Arts and Sciences, 2014, for travel to the 83rd Annual Meeting of the American Association of Physical Anthropologists in Calgary, Alberta, Canada April 9th-13th.

Presidential Travel Award- \$1000 Hunter College, CUNY, 2014, for travel to the 83rd Annual Meeting of the American Association of Physical Anthropologists in Calgary, Alberta, Canada April 9th-13th and the 25th Congress of the International Primatological Society, Hanoi, Vietnam, August 11th-16th, 2014.

Presidential Travel Award- \$1228 Hunter College, CUNY, 2013, for travel to the 82nd Annual Meeting of the American Association of Physical Anthropologists in Knoxville, TN, April 10th-14th.

William Stewart Travel Award Program- \$500 CUNY Academy for the Arts and Sciences, 2012, for travel to the 81st Annual Meeting American Association of Physical Anthropologists in Portland, OR, April 11th-15th.

Presidential Travel Award- \$1000 Hunter College, CUNY, 2012, for travel to the 81st Annual Meeting of the American Association of Physical Anthropologists in Portland, OR, April 11th-15th and the 24th Congress of the International Primatological Society, Cancun, Mexico, August 12-17, 2012.

Presidential Travel Award- \$1200 Hunter College, CUNY, 2011, for travel to the 80th Annual Meeting of the American Association of Physical Anthropologists in Minneapolis, MN, April 12th-16th.

Postdoctoral Scholar Travel Fund Award- \$1000 Office for Postdoctoral Affairs, Yale University, 2009 for travel to the Annual Meeting of the Paleoanthropology Society and 78th Annual Meeting of the American Association of Physical Anthropologists in Chicago, IL, March 31st to April 4th.

PUBLICATIONS (GOOGLE SCHOLAR H-INDEX = 20; * INDICATES STUDENT AUTHOR)

Books

Gilbert CC and Frost SR, eds. (under contract). *The Fossil Cercopithecidae of the African Pliocene: Systematics, Evolution, and Biochronology*. Springer.

Fleagle JG, **Gilbert CC**, and Baden AL. (under contract). *Primate Adaptation and Evolution*, 4th edition. San Diego: Academic Press/Elsevier.

Fleagle JG and **Gilbert CC**, eds. (2008). *Elwyn Simons: A Search for Origins*. New York: Springer.

Peer-Reviewed Journal Articles (* indicates student author at the time of submission)

Gilbert CC, Gilissen E, *Arenson JL, Patel BA, Nakatsukasa M, Detwiler KM, Hart TB, Hart JA, and Sargis EJ. (submitted, in review). Morphological analysis of new *Cercopithecus dryas* specimens from the central Congo Basin: taxonomic considerations and an emended diagnosis. *AJPA*.

Gilbert CC, Ortiz A., Patel BA, Singh NP, Campisano CJ, Fleagle JG, *Pugh KD, and Patnaik R. (2020). New Middle Miocene ape (Primates: Hylobatidae) from Ramnagar, India fills major gaps in the hominoid fossil record. *Proceedings of the Royal Society B* 287: 20201655. <http://dx.doi.org/10.1098/rspb.2020.1655>

*Arenson JL, Sargis EJ, Hart JA, Hart TB, Detwiler KM, and **Gilbert CC**. (2020). Skeletal morphology of the lesula (*Cercopithecus lomamiensis*) and the evolution of guenon locomotor behavior. *American Journal of Physical Anthropology*. <https://doi.org/10.1002/ajpa.24025>

Gilbert CC, Sehgal RK, *Pugh KD, Campisano CJ, Singh NP, *May E, Patel BA, Patnaik R. (2019). New *Sivapithecus* specimen from Ramnagar (J & K), India and a taxonomic revision of Ramnagar hominoids. *Journal of Human Evolution* 135: 102665. (<https://doi.org/10.1016/j.jhevol.2019.102665>)

*Pugh KD and **Gilbert CC**. (2018). Phylogenetic relationships of living and fossil African papionins: combined evidence from morphology and molecules. *Journal of Human Evolution* 123: 35-51.

Gilbert CC, Frost SR, *Pugh KD, *Anderson M, and Delson E (2018). Evolution of the modern baboon (*Papio hamadryas*): A reassessment of the African Pliocene-Pleistocene record. *Journal of Human Evolution* 122: 38-69.

*Fuchs AJ, **Gilbert CC**, and Kamilar JM. (2018). Ecological niche modeling of the genus *Papio*. *American Journal of Physical Anthropology* 166: 812-823.

*Singh NP, **Gilbert CC**, Patel BA, and Patnaik R. (2018). The taphonomy, palaeoecology and biochronology of the Middle Miocene hominoid locality of Ramnagar (Jammu and Kashmir, India). *Journal of Asian Earth Sciences* 162: 69-83.

Nengo I, Tafforeau P, **Gilbert CC**, Fleagle JG, Miller E, Feibel C, Fox D, Feinberg J, *Pugh KD, Berruyer C, Engle Z, and Spoor F. (2017). New infant cranium from the African Miocene sheds light on ape evolution. *Nature* 548: 169-174.

Gilbert CC and Jungers WL. (2017). Comment on relative brain size in early primates and the use of encephalization quotients in primate evolution. *Journal of Human Evolution* 109: 79-87.

- Gilbert CC**, Patel BA, *Singh NP, Campisano CJ, Fleagle JG, *Rust KL, and Patnaik R. (2017). New sivaladapid primate from Lower Siwalik deposits surrounding Ramnagar, Jammu and Kashmir State, India. *Journal of Human Evolution* 102: 21-41.
- Singleton M, **Gilbert CC**, Frost SR, and Seitelman, BC. (2016). Comparative morphometric analysis of a juvenile papionin (Primates: Cercopithecoidea) from Kromdraai A. *Annals of the Ditsong Museum of Natural History* 6: 1-17.
- Boyer DM, Kirk EC, Silcox MT, Gunnell GF, **Gilbert CC**, Yapuncich GS, Allen KL, Welch E, Bloch JI, Gonzalez L, Kay RF, and Seiffert ER. (2016). Internal carotid arterial canal size and scaling in Euarchonta: re-assessing implications for arterial patency and phylogenetic relationships in early fossil primates. *Journal of Human Evolution* 97: 123-144.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2016). Comparing primate crania: the importance of fossils. *American Journal of Physical Anthropology* 161: 259-275.
- Gilbert CC**, Frost SR, and Delson E. (2016a). Reassessment of the Olduvai Bed I cercopithecoids: a new biochronological and biogeographical link to the South African fossil record. *Journal of Human Evolution* 92: 50-59.
- Gilbert CC**, *Takahashi MQ, and Delson E. (2016b). Cercopithecoid humeri from Taung support the distinction of major papionin clades in the South African fossil record. *Journal of Human Evolution* 90: 88-104.
- Gilbert CC**, Steininger CM, Kibii JM, and Berger LR. (2015). *Papio* cranium from the hominin-bearing site of Malapa: implications for the evolution of modern baboon cranial morphology and South African Plio-Pleistocene biochronology. *PLoS ONE* 10(8), e0133361. doi:10.1371/journal.pone.0133361
- DeVreese L and **Gilbert CC**. (2015). Phylogenetic relationships within the *Cercocebus-Mandrillus* clade as indicated by craniodental morphology: implications for evolutionary biogeography. *American Journal of Physical Anthropology* 158: 227-241.
- Frost SR, **Gilbert CC**, *Pugh KD, Guthrie E, and Delson E. (2015). The hand of *Cercopithecoides williamsi* (Mammalia, Primates): Earliest fossil evidence for pollical reduction among colobine monkeys and its implications for their evolution. *PLoS ONE* 10(5): e0125030. doi:10.1371/journal.pone.0125030
- Gilbert CC** and Maiolino S. (2015). Comment to “Primates in the Eocene” by Gingerich (2012). *Palaeobiodiversity and Palaeoenvironments* 95: 237-241.
- Porter LM, **Gilbert CC**, and Fleagle JG. (2014). Diet and phylogeny in primate communities. *International Journal of Primatology* 35: 1144-1163.
- Gilbert CC**, Bibi F, Hill A, and Beech M. (2014). An early guenon from the late Miocene Baynunah Formation, Abu Dhabi, with implications for cercopithecoid biogeography and evolution. *Proceedings of the National Academy of Sciences, USA* 111: 10119-10124.
- Gilbert CC**, Patel BA, *Friedman AC, *Pugh KD, Fleagle JG, and Patnaik R. (2014). New Lower Siwalik localities near Ramnagar, India: implications for the earliest Asian great apes and other mammalian lineages. *Special Publication of the Palaeontological Society of India* 5: 353-365.

- Rothman JM, Raubenheimer D, *Bryer MAH, *Takahashi M, and **Gilbert CC**. (2014). Nutritional contributions of insects to primate diets: implications for primate evolution. *Journal of Human Evolution* 71: 59-69.
- Roberts P, Delson E, Miracle P, Ditchfield P, Roberts RG, Jacobs Z, Blinkhorn J, Ciochon RL, Fleagle JG, Frost SR, **Gilbert CC**, Gunnell GF, Harrison T, Korisettar R, and Petraglia MD. (2014). Continuity of Mammalian Fauna Over the Last 200,000 Years in the Indian Subcontinent. *Proceedings of the National Academy of Sciences, USA* 111: 5848-5853.
- Rossie JB, **Gilbert CC**, and Hill A. (2013). Early cercopithecoid monkeys from the Tugen Hills, Kenya. *Proceedings of the National Academy of Sciences, USA* 110: 5818-5822.
- Gilbert CC**. (2013). Cladistic analysis of extant and fossil African papionins using craniodental data. *Journal of Human Evolution* 64: 399-433.
- Hart JA, Detwiler KM, **Gilbert CC**, Burrell AS, Fuller JL, Emetsu M, Hart TB, Vosper A, Sargis EJ, and Tosi AJ. (2012). Lesula: A New Species of *Cercopithecus* Monkey Endemic to the Democratic Republic of Congo and Implications for Conservation of Congo's Central Basin. *PLoS ONE* 7(9): e44271. doi:10.1371/journal.pone.0044271
- Maiolino S, Boyer DM, Bloch JI, **Gilbert CC**, and Groenke J. (2012). Evidence for a Grooming Claw in a North American Adapiform Primate: Implications for Anthropoid Origins. *PLoS ONE* 7(1): e29135. doi:10.1371/journal.pone.0029135
- Gilbert CC**, Goble ED, Kingston JD, and Hill A. (2011). Partial Skeleton of *Theropithecus brumpti* (Primates: Cercopithecidae) from the Chemeron Formation of the Tugen Hills, Kenya. *Journal of Human Evolution* 61: 347-362.
- Gilbert CC**, Stanley WT, Olson LE, Davenport TRB, and Sargis EJ. (2011). Morphological systematics of the kipunji (*Rungwecebus kipunji*) and the ontogenetic development of phylogenetically informative characters in the Papionini. *Journal of Human Evolution* 60: 731-745.
- Gilbert CC**. (2011). Phylogenetic analysis of the African papionin basicranium using 3-D geometric morphometrics: the need for improved methods to account for allometric effects. *American Journal of Physical Anthropology* 144: 60-71.
- Gilbert CC**, Goble ED, and Hill A. (2010). Miocene Cercopithecoidea from the Tugen Hills, Kenya. *Journal of Human Evolution* 59: 465-483.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2010). Primate cranial diversity. *American Journal of Physical Anthropology* 142: 565-578.
- Gilbert CC** and Grine FE. (2010). Morphometric variation in the papionin muzzle and the biochronology of the South African Plio-Pleistocene karst cave deposits. *American Journal of Physical Anthropology* 141: 418-429.
- Gilbert CC**, Frost SR, and Strait DS. (2009). Allometry, sexual dimorphism, and phylogeny: a cladistic analysis of extant African papionins using craniodental data. *Journal of Human Evolution* 57: 298-320.
- Gilbert CC**, McGraw WS, and Delson E. (2009). Plio-Pleistocene eagle predation on fossil cercopithecids from the Humpata Plateau, southern Angola. *American Journal of Physical Anthropology* 139: 421-429.

- Gilbert CC.** (2007). Identification and description of the first *Theropithecus* (Primates: Cercopithecidae) material from Bolt's Farm, South Africa. *Annals of the Transvaal Museum* 44: 1-10.
- Olejniczak AJ, **Gilbert CC**, Martin LB, Smith TM, Ulhaas L, and Grine, F. (2007). Maxillary molar enamel-dentine junction morphology in anthropoid primates. *Journal of Human Evolution* 53: 292-301.
- Gilbert CC** and Rossie JB. (2007). Congruence of molecules and morphology using a narrow allometric approach. *Proceedings of the National Academy of Sciences, USA* 104: 11910-11914.
- Gilbert CC.** (2007). Craniomandibular morphology supporting the diphyletic origin of mangabeys and a new genus of the *Cercocebus/Mandrillus* clade, *Procercocebus*. *Journal of Human Evolution* 53: 69-102.
- Patel BA, **Gilbert CC**, and Ericson KE. (2007). Cercopithecoid cervical vertebral morphology and implications for the presence of *Theropithecus* in early Pleistocene Europe. *Journal of Human Evolution* 52: 113-129.
- Gilbert CC.** (2005). Dietary ecospace and the diversity of euprimates during the Early and Middle Eocene. *American Journal of Physical Anthropology* 126: 237-249.
- Pochron ST, Fitzgerald J, Gilbert CC, Lawrence D, Grgas M, Rakotonirina G, Ratsimbazafy R, Rakotosoa R, and Wright PC. (2003). Patterns of female dominance in *Propithecus diadema edwardsi* of Ranomafana National Park, Madagascar. *American Journal of Primatology* 61: 173-185.
- Edited Book Chapters**
- Frost SF, Gilbert CC. (in press). Entry for "Old World Monkeys". eLS (Encyclopedia of Life Sciences). DOI: 10.1002/047001590X
- Frost SF, **Gilbert CC**, and Nakatsukasa M (in press). The colobine fossil record.
- Frost SF, *Sena C, and **Gilbert CC** (in press). Plio-Pleistocene cercopithecoid evolution and biogeography: a contemporaneous comparison with *Paranthropus*. In: Constantino PJ, Reed KE, Wood BA (Eds.), *The Forgotten Lineage(s): Paelobiology of Paranthropus*.
- Gilbert CC**, *Pugh KD, and Fleagle JG. (in press). Chapter 17: Dispersal of Miocene hominoids (and pliopithecoids) from Africa to Eurasia in light of changing tectonics and climate. In: Prasad GV, Patnaik R (Eds.), *Biological Consequences of Plate Tectonics: New Perspectives on Post-Gondwanaland and Break-up- A Tribute to Ashok Sahni*. Cham: Springer.
- Gilbert CC** and Hill A. (in press). Chapter 13: Primates of the late Miocene Baynunah Formation, Abu Dhabi. In: *Sands of Time*, Bibi F, Hill A, Beech MJ, Kraatz B, eds. Springer.
- Baden AL and **Gilbert CC.** (2016). Entry for *Propithecus coquereli*. In: *All the World's Primates*, Noel Rowe, Marc Myers, eds. Primate Conservation Inc., Charlestown RI. www.alltheworldsprimates.org.

- Fleagle JG, Royer DF, and **Gilbert CC**. (2016). Entry for *Homo sapiens*. In: *All the World's Primates*, Noel Rowe, Marc Myers, eds. Primate Conservation Inc., Charlestown RI. www.alltheworldsprimates.org.
- Fleagle JG and **Gilbert CC**. (2011). Introduction to All the World's Primates: Primate Evolution. In: *All the World's Primates*, Noel Rowe, Marc Myers, eds. Primate Conservation Inc., Charlestown RI. www.alltheworldsprimates.org.
- Jernvall J, **Gilbert CC**, and Wright, PC. (2008). Peculiar teeth homologies of the greater bamboo lemur (*Prolemur = Hapalemur simus*): when is a paracone not a paracone? In: *Elwyn Simons: A Search for Origins*, Fleagle JG and Gilbert CC, eds. New York: Springer. pp. 335-342.
- Simons EL, Chatrath P, **Gilbert CC**, and Fleagle JG. (2008). Five Decades in the Fayum. In: *Elwyn Simons: A Search for Origins*, Fleagle JG and Gilbert CC, eds. New York: Springer. pp. 51-70.
- Fleagle JG and **Gilbert CC**. (2006). Biogeography and the primate fossil record: the role of tectonics, climate, and chance. In: *Primate Biogeography*, Lehman S and Fleagle JG, eds. New York: Springer. pp. 375-418.

Abstracts

- Gilbert CC**, *Arenson JL, Hart JA, Hart TB, Detwiler KM, , and Sargis EJ. (2020). New skeletons of *Cercopithecus dryas* and their implications for locomotor evolution and taxonomy within the guenon radiation. *American Journal of Physical Anthropology* Suppl. 70, 100.
- Gilbert CC**, Sargis EJ, Gilissen E, *Arenson JL, Patel BA, Nakatsukasa M, Detwiler KM, Hart TB, and Hart JA. (2019). Resolving the taxonomic status of *Cercopithecus dryas* Schwarz 1932 and *C. salongo* Thys van den Audenaerde 1977. *American Journal of Physical Anthropology* Suppl. 68, 85-86.
- Gilbert CC**, Frost SR, and Delson E. (2018). Taxonomy of the fossil papionin genus *Parapapio* in the South African Plio-Pleistocene. *American Journal of Physical Anthropology* Suppl. 66, 98.
- *Arenson J, **Gilbert CC**, Sargis EJ, Detwiler KM, Hart TB, and Hart JA. (2018). Skeletal morphology of the lesula (*Cercopithecus lomamiensis*) suggests multiple transitions to terrestriality in the guenon radiation. *American Journal of Physical Anthropology* Suppl. 66, 12.
- Frost SR, **Gilbert CC**, and Delson E. (2018). Review of Cercopithecidae from Upper Laetoli Beds, Tanzania, indicates presence of *Theropithecus*: biogeographic and taxonomic implications. *American Journal of Physical Anthropology* Suppl. 66, 91.
- *Pugh KD, **Gilbert CC**, Patel BA, Campisano CJ, Singleton M, Singh NP, Fleagle JG, and Patnaik R. (2018). A small-bodied catarrhine from the Miocene of India: additional evidence of an undersampled radiation. *American Journal of Physical Anthropology* Suppl. 66, 216.
- *Trujillo A and **Gilbert CC**. (2018). Craniometric variation and taxonomy in papionin monkeys: the case of *Parapapio*. *American Journal of Physical Anthropology* Suppl. 66, 279.
- *Calvo KA, **Gilbert CC**, Smits LE. (2018). Cribra orbitalia in correlation with craniofacial asymmetry in the children from the LeLiefde cemetery in Amsterdam: an investigation of orbital variations in relation to malnutrition and disease. *American Journal of Physical Anthropology* Suppl. 66, 40.

- Gilbert CC**, Patel BA, Singh NP, Campisano CJ, Fleagle JG, *Pugh KD, and Patnaik R. (2017). Return to Ramnagar: New fossils highlight primate diversity and evolutionary biogeography in the South Asian Miocene. *3rd Meeting of the Northeastern Evolutionary Primatologists, New Haven, CT, October 28, 2017.*
- *Arenson J, **Gilbert CC**, Sargis EJ, Detwiler KM, Hart TB, and Hart JA. (2017). Evolutionary morphology of the lesula and the broader guenon radiation suggests multiple transitions to terrestriality. *3rd Meeting of the Northeastern Evolutionary Primatologists, New Haven, CT, October 28, 2017.*
- *Trujillo A and **Gilbert CC**. (2017). Craniometric variation and taxonomy in papionin monkeys: the case of *Parapapio*. *3rd Meeting of the Northeastern Evolutionary Primatologists, New Haven, CT, October 28, 2017.*
- Gilbert CC**, Patel BA, *Singh NP, Campisano CJ, Fleagle JG, *Pugh KD, and Patnaik R. (2017). New small-bodied hominoid from Lower Siwalik deposits surrounding Ramnagar (Jammu and Kashmir), India. *Journal of Vertebrate Paleontology* Suppl. 37, 118.
- Gilbert CC**, Patel BA, *Singh NP, Campisano CJ, Fleagle JG, *Rust KL, *Pugh KD, and Patnaik R. (2017). New fossil primates from the Lower Siwaliks of India. *American Journal of Physical Anthropology* Suppl. 64: 193-194.
- *Fuchs AJ, **Gilbert CC**, and Kamilar JM. (2017). Ecological niche modeling of the genus *Papio*. *American Journal of Physical Anthropology* Suppl. 64: 187.
- Gilbert CC** and Jungers, W. (2016). A closer look at fossil euprimate and plesiadapiform encephalization quotients. *2nd Meeting of the Northeastern Evolutionary Primatologists, New York, NY, November 5, 2016.*
- Gilbert CC** and DeVreese L. (2016). Historical geography of *Cercocebus mangabeys*: A new dispersal hypothesis based on morphological data. *26th Congress of the International Primatological Society, Chicago, IL, August 21-27, 2016.*
- *O'Shea N, Delson E, Pugh KD, and **Gilbert CC**. (2016). Phylogenetic analysis of *Paradolichopithecus*: fossil baboon or macaque? *American Journal of Physical Anthropology* Suppl. 62: 244.
- Boyer DM, Bloch JI, Kirk EC, **Gilbert CC**, Allen K, Gunnell GF, Yapuncich GS, and Kay RF. (2015). Re-evaluation of promontorial arterial dominance in early primates. *Journal of Vertebrate Paleontology* Suppl. 35: 94.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2015). Cranial diversity of mammals: past and present. *Journal of Vertebrate Paleontology* Suppl. 35: 124.
- Gilbert CC**, *Singh NP, Patel BA, Fleagle JG, and Patnaik R. (2015). New sivaladapid primate from Sunetar, a Lower Siwalik locality near the town of Ramnagar (Jammu and Kashmir, India). *Journal of Vertebrate Paleontology* Suppl. 35: 132.
- Gilbert CC**, Frost SR, and Delson E. (2015). Review of Olduvai cercopithecoids reveals a newly recognized taxon and biochronological connection to South Africa. *American Journal of Physical Anthropology* 60S: 145.
- Frost SR, **Gilbert CC**, *Pugh KD, Guthrie EH, and Delson E. (2015). *Cercopithecoides williamsi* shows

- the earliest fossil evidence for pollical reduction in a fossil colobine. *American Journal of Physical Anthropology* 60S: 139.
- *Pugh KD and **Gilbert CC**. (2015). Phylogenetic relationships of living and fossil African papionins: combined evidence from morphology and molecules. *American Journal of Physical Anthropology* 60S: 259.
- *Anderson M, Frost SR, **Gilbert CC**, and Delson E. (2015). Cranial shape and intrageneric diversity in the genus *Cercopithecoides*. *American Journal of Physical Anthropology* 60S: 70.
- Gilbert CC**, *Takahashi MQ, and Delson E. (2014). Humeral morphology at Taung reflects postcranial and locomotor evolution in the *Cercocebus/Mandrillus* and *Papio/Lophocebus/Theropithecus* clades. *1st Meeting of the Nor'Eastern Primate Ecology, Evolution, and Behavior Society, New Brunswick, NJ, November 8, 2014*.
- Gilbert CC** and Fleagle JG. (2014). Ecomorphology, diversity, biogeography, and evolution. *25th Congress of the International Primatological Society, Hanoi, Vietnam, August 11-16, 2014*.
- Gilbert CC**, Frost SR, and Delson E. (2014). African Plio-Pleistocene biochronology: a reassessment using cercopithecoid taxa. *American Journal of Physical Anthropology* 58S: 124.
- *Anderson M, Frost SR, **Gilbert CC**, and Delson E. (2014). A reassessment of dental variation in the genus *Cercopithecoides* and its implications for species diversity. *American Journal of Physical Anthropology* 58S: 67.
- Singleton M, **Gilbert CC**, Frost SR, and Seitelmann BC. (2014). Comparative morphometric analysis of a juvenile papionin fossil from Kromdraai A. *American Journal of Physical Anthropology* 58S: 240.
- Gilbert C**, Bibi F, Hill A, Beech M, and Rossie J. (2013). Early Old World monkeys from Africa and Arabia: implications for the origins and biogeography of major cercopithecoid clades. *Journal of Vertebrate Paleontology* Suppl. 33(3): 134.
- Devreese L and **Gilbert CC**. (2013) Phylogenetic relationships within the *Cercocebus* clade as indicated by craniodental morphology. *5th Congress of the European Federation for Primatology, Antwerp, Belgium, September 10-13, 2013*.
- Gilbert CC**, Frost SR, and Delson E. (2013). Appearance of the modern baboon, *Papio hamadryas*, in the Plio-Pleistocene fossil record: Evidence from South Africa. *American Journal of Physical Anthropology* 56S: 129.
- *Ravi S, **Gilbert CC**, and Patel BA. (2013). Reassessing guenon craniodental data: closer inspection reveals support for the arboreal and terrestrial clades. *American Journal of Physical Anthropology* 56S: 229.
- Detwiler KM, Hart JA, **Gilbert CC**, Burrell AS, Fuller JL, Emetsu M, Hart TB, Vosper A, Sargis EJ, and Tosi AJ. (2013). Lesula: A remarkable new species of *Cercopithecus* monkey from Congo's Central Basin. *American Journal of Physical Anthropology* 56S: 111.
- *Anderson M, Frost SR, **Gilbert CC**, and Delson E. (2013). Morphological diversity and species recognition in South African *Cercopithecoides williamsi*. *American Journal of Physical Anthropology* 56S: 68.

- Gilbert CC**, Kovarovic, K, and *Poland, R. (2013). Foramen magnum position in quadrupedal catarrhines. Annual Meeting of the Paleoanthropology Society, Honolulu, HI.
- Gilbert CC**, Patel BA, Patnaik R, and Fleagle JG. (2012). Renewed paleontological investigations in the Upper and Lower Siwaliks of India: implications for primate evolution vis a vis paleoclimate change. *Journal of Vertebrate Paleontology* Suppl. 32(3): 101.
- Gilbert CC**. (2012). Evolutionary history of the African papionin monkeys: phylogenetic analysis reveals new Plio-Pleistocene members of the cryptic *Cercocebus/Mandrillus* clade. *24th Congress of the International Primatological Society, Cancun, Mexico, August 12-17, 2012*.
- Gilbert CC**. (2012). Unmasking the cryptic *Cercocebus/Mandrillus* clade in the fossil record: a new genus of Plio-Pleistocene African papionin from Ethiopia and Angola. *American Journal of Physical Anthropology* 54S: 150.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2012). Primate cranial diversity: comparisons among the major primate radiations contradict larger and more general trends. *American Journal of Physical Anthropology* 54S: 144.
- Gilbert CC**. (2011). Plio-Pleistocene biogeography of the African papionins: implications for early hominin dispersals. *American Journal of Physical Anthropology* 52S: 141.
- Gilbert CC**. (2010). Plio-Pleistocene African papionin phylogenetic history and biogeography. *Journal of Vertebrate Paleontology*, Suppl. 30(3): 96A.
- Gilbert CC**, Stanley WT, Olson LE, Davenport TRB, and Sargis EJ. (2010). Morphological systematics of the kipunji, *Rungwecebus kipunji*. *American Journal of Physical Anthropology* 50S: 110.
- Goble ED, **Gilbert CC**, Kingston JD, and Hill A. (2010). Partial skeleton of *Theropithecus brumpti* (Primates: Cercopithecidae) from the Chemeron Formation of the Tugen Hills, Kenya. *American Journal of Physical Anthropology* 50S: 111.
- Gilbert CC**. (2009). Controlling for allometry in phylogenetic analyses of morphological data. *Journal of Vertebrate Paleontology*, Suppl. 29(3): 105A.
- Gilbert CC**, Baden AL, and Fleagle JG. (2009). Comparing primate crania: differences between sexes and between species. Annual Meeting of the Paleoanthropology Society, Chicago, IL.
- Gilbert CC**. (2009). Phylogenetic history of the African papionins: a cladistic analysis of extant and fossil taxa using craniodental data. *American Journal of Physical Anthropology* 48S: 198.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2008). The uniqueness of the human cranium and the importance of fossils. *American Journal of Physical Anthropology* 46S: 96.
- Gilbert CC** and Rossie JB. (2008). Narrow allometry in phylogenetic analysis of morphological data. *American Journal of Physical Anthropology* 46S: 103.
- McGraw WS, **Gilbert CC**, and Delson E. (2008). Evidence of eagle predation in fossil cercopithecids from the Humpata Plateau, southern Angola. *American Journal of Physical Anthropology* 46S: 152.
- Terhune CE, Smith HF, and **Gilbert CC** (2008). Environmental and dietary correlates of papionin temporal bone variation. *American Journal of Physical Anthropology* 46S: 206.

- Gilbert CC.** (2007). A new genus of papionin monkey from the Plio-Pleistocene of South Africa and the biogeography of the *Cercocebus/Mandrillus* clade. *Journal of Vertebrate Paleontology*, Suppl. 27(3): 81A.
- Fleagle JG, **Gilbert CC**, and Baden AL. (2007). Comparing primate crania: the value of fossils. *Journal of Vertebrate Paleontology*, Suppl. 27(3): 75A.
- Gilbert CC.** (2007). Cranio-mandibular morphology supporting the molecular African papionin clades and the identification of '*Cercocebus antiquus*'. *American Journal of Physical Anthropology* 44S: 114.
- Fleagle JG and **Gilbert CC.** (2007). Comparing primate crania. *American Journal of Physical Anthropology* 44S: 108.
- Gilbert CC.** (2006). Identification of the first *Theropithecus* (Order: Primates) from Bolt's Farm, South Africa. *Journal of Vertebrate Paleontology*, Suppl. 26(3): 67A.
- Gilbert CC**, Fleagle JG, and McGraw WS. (2006). Mangabeys and the fossil record. 21st Congress of the International Primatological Society. Entebbe, Uganda 25-30 June 2006.
- Scirbona JL and **Gilbert CC.** (2006). The phylogenetic and functional utility of mandibular depth and maxillary height. *American Journal of Physical Anthropology* 42S: 161.
- Ericson KE, Patel BA, and **Gilbert CC.** (2005). Phylogenetic utility of cervical vertebral morphology in cercopithecoid primates. *Journal of Vertebrate Paleontology*, Suppl. 25(3):54A.
- Terranova P, Wheeler BC, **Gilbert CC**, and Suarez SA. (2005). Day range and home range assessments: a comparison of GPS and grid-based methods. *American Journal of Primatology* 66S1: 103.
- Gilbert CC.** (2005). 3-D geometric morphometric analysis of the papionin temporal bone. *American Journal of Physical Anthropology* 40S: 106.
- Wheeler BC, **Gilbert CC**, and Koenig A. (2004). Habitat preference and ranging patterns of Phayre's leaf monkeys (*Trachypithecus phayrei*) in Northeastern Thailand. *American Journal of Primatology* 62S1: 55-56.
- Gilbert CC**, Olejniczak AJ, and Martin LB. (2004). Dentine shape as a taxonomic indicator and the origins of bilophodont molars. *American Journal of Physical Anthropology* 38S: 99-100
- Gilbert CC.** (2003). Reconstructing and comparing primate communities from the Eocene of North America and Europe. *American Journal of Physical Anthropology* 36S: 100.
- Conference Reviews and Editorials**
- Baden A, **Gilbert CC.** (2009). Physical Anthropology in the Windy City. *Evolutionary Anthropology* 18: 123-124.
- Fleagle JG, **Gilbert CC.** (2008). Modern Human Origins in Africa. *Evolutionary Anthropology* 17: 1-2.
- Gilbert CC**, Grossman A, and Lodwick JL. (2008). Diversity in *Australopithecus*. *Evolutionary Anthropology* 17: 3-4.

- Royer DF, **Gilbert CC**, Sisk ML, and Wallace IJ. (2007). The First Humans. *Evolutionary Anthropology* 16: 86-87.
- Gilbert CC** and Patel BA. (2006). Elwyn L. Simons: A Conference in Tribute to His Life and Work. *Evolutionary Anthropology* 15: 40-41.
- Gilbert CC**. (2005). Life Matters: The Stony Brook World Environmental Forum. *Evolutionary Anthropology* 14: 209-210.

Book Reviews

- Gilbert CC**. (2017). The Real Planet of the Apes: A New Story of Human Origins. *American Anthropologist* 119: 549-550.
- Gilbert CC**. (2014). Monkey. *Quarterly Review of Biology* 89: 195-196.
- Gilbert CC**. (2012). The Evolution of the Human Head. *Quarterly Review of Biology* 87: 254-255.
- Gilbert CC** (2012). Understanding Climate's Influence on Human Evolution. *Quarterly Review of Biology* 87: 58.
- Gilbert CC**. (2009). Koobi Fora Research Project Volume 6: The Fossil Monkeys. *American Journal of Physical Anthropology* 139: 606-607.
- Gilbert CC**. (2008). Lead Book Review: Primate origins- a current synthesis. *Journal of Human Evolution* 55: 1164-1168.
- Gilbert CC**. (2007). The age of mammals. *Evolutionary Anthropology* 16: 119-120.

CURRENT RESEARCH INTERESTS

- Neogene primate evolution, biochronology, and biogeography in Africa and Asia
- Evolutionary history and phylogenetic systematics of catarrhines, biogeography and biochronology of Plio-Pleistocene cercopithecoids and its relationship to hominin evolution
- Paleocene-Eocene primate and mammalian ecomorphology, diversity, biogeography, and evolution
- Character coding methodology in phylogenetic analysis, comparison of cladistic and morphometric methods in phylogenetic analysis, phylogenetic analysis and primate evolution
- 3-D geometric morphometrics in the analysis of primate and mammalian cranial diversity

RESEARCH EXPERIENCE

Field Work: Paleontology

Siwalik Hills, India

Co-PI with Biren Patel, Chris Campisano, and Rajeev Patnaik, Feb. 2011-present.

Current Project: Paleontological and chronological investigation of Neogene fossil sites and collection of primate and mammalian fauna

Wind River Basin, Wyoming USA

Co-PI with Stephen Chester, Ross Secord, June 2015-present

Current Project: Collection of Paleocene-Eocene mammalian fauna with a focus on early primate and mammalian diversity in relation to the Early Eocene Climatic Optimum

Northwest/Northern Cape Province, South Africa

Co-PI with Christine Steininger, June 2012

Project: Paleontological exploration of Plio-Pleistocene fossil localities

Baringo Paleontological Research Project, Nairobi and Lake Baringo, Kenya

Post-Doctoral Associate and Field Assistant, 2008-2010. PI: John Kingston,

Co-PI Andrew Hill, Co-PI Alan Deino

Project: Identification and Description of Neogene cercopithecoid fauna

Fayum Depression, Egypt

Field Assistant, Fall 2004, 2008. 2004 PI:Elwyn Simons, Co-PI:Erik Seiffert;

2008 PI: Erik Seiffert

Project: Collection of Late Eocene and Early Oligocene mammalian fauna

Crazy Mountains Basin, Montana USA

Field Assistant, June 2005. PI:David Krause, Co-PI:Jonathan Bloch

Project: Collection of Paleocene mammalian fauna

Field Work: Primatology

Primates of Phu Khieo Research Project, Phu Khieo Wildlife Sanctuary, Thailand

Field Assistant, Summer 2003. PI:Andreas Koenig, Co-PI:Carola Borries

Project: Ranging behavior and habitat use of Phayre's langurs (*Trachypithecus phayrei*)

Duke University Primate Center, Primate Researcher, Fall 1999 – Spring 2000, Visiting

Primate Researcher, Summer 2002.

Projects: Post-Conflict Behavior in Ringtailed Lemurs (*Lemur catta*); Measuring Feeding

Competition in Ringtailed Lemurs (*Lemur catta*)

Museum Research: Vertebrate paleontology

American Museum of Natural History- New York

Duke Lemur Center, Division of Fossil Primates- Durham

University of California Museum of Paleontology- Berkeley

Yale Peabody Museum- New Haven

Museum of Comparative Zoology- Harvard

Natural History Museum- London

Iziko South African Museum- Cape Town

University of the Witwatersrand Anatomy Department- Johannesburg

Bernard Price Institute, University of the Witwatersrand- Johannesburg

Evolutionary Studies Institute, University of the Witwatersrand- Johannesburg

Ditsong/Transvaal Museum- Pretoria

Kenyan National Museum- Nairobi

National Museum of Ethiopia- Addis Ababa

National Museum of Tanzania- Dar es Salaam

Museum Research: Comparative anatomy

American Museum of Natural History- New York
National Museum of Natural History- Washington, DC
Field Museum of Natural History- Chicago
Yale Peabody Museum- New Haven
Museum of Comparative Zoology- Harvard
NC Tappen Collection, University of Minnesota- Minneapolis
Comparative Anatomy Museum, Stony Brook University- Stony Brook, NY
Natural History Museum- London
Powell-Cotton Museum- Birchington
Royal Museum for Central Africa- Tervuren

TEACHING APPOINTMENTS

Core Instructor

Human Anatomy (ANTHP 306; Hunter College, CUNY), Fall 2017-present
Introduction to Human Evolution (ANTHP 101; Hunter College, CUNY), Fall 2011-present
Human Skeletal Biology (ANTHP 401.51 Hunter College, CUNY), Fall 2010-present
Primate Evolution (ANTHP 311, Hunter College, CUNY), Spring 2012-present
Core Evolutionary Morphology (ANTH 790; Graduate Center, CUNY) Fall 2011-present
Human Osteology (ANTHP 401.77 Hunter College, CUNY), Fall 2010

Lab Instructor

Human Anatomy (ANP 300; Stony Brook University) Fall 2006

INVITED LECTURES

Old World Primate Evolution and Biochronology in the Neogene: From Adapids to Hominids,
February 21, 2019, University of Florida, Gainesville, FL

New Insights into Old World Primate Evolution and Biochronology: from Adapoids to Hominoids,
Nov. 30, 2018, Robert Stockton College, Galloway, NJ

New Insights into African Catarrhine Evolution. Oct. 12, 2018, Panjab University, Chandigarh, India

New Insights into Old World Primate Evolutionary History: From Adapoids to Hominoids,
February 5, 2018, University of Southern California, Los Angeles, CA

From Adapoids to Hominoids: New Insights into Old World Primate Evolutionary History and Biochronology, September 25, 2017, American Museum of Natural History, New York, NY

New Insights into Old World Primate Evolution, Biogeography, and Biochronology, April 27, 2016, Stony Brook University, Stony Brook, NY

Species Concepts, Species Recognition, and a New Species of Primate from the Congo's Lomami River Basin, May 8, 2013, International Network for Public Schools Science Fair, New York, NY

Discovery and Description of the Lesula (*Cercopithecus lomamiensis*): A New Species of Cercopithecine Monkey from the Congo's Central Basin, April 2, 2013, Hunter College Board of Trustees, New York, NY

Primate Cranial Diversity, July 4, 2012, University of the Witwatersrand, Johannesburg, South Africa

Phylogenetic History and Biogeography of the African Papionin Monkeys and its Relationship to Hominin Biogeography, March 9, 2011, University of the Witwatersrand, Johannesburg, South Africa

African Papionin Phylogeny and Plio-Pleistocene Biogeography: A Comparison with Contemporary Hominin Taxa, November 5, 2009, University of Connecticut, Storrs, CT

Evolutionary History and Biogeography of A New Genus of African Monkey (*Rungwecebus*), February 13, 2009, Yale University, New Haven, CT

Of Mandrills and Mangabeys: Phylogenetic and Biogeographic History of the African Papionins, September 25, 2008, Yale University, New Haven, CT

Narrow Allometry and the Evolutionary History of African Papionin Monkeys, April 8, 2008, Ohio University, Athens, OH

PROFESSIONAL AND ACADEMIC SERVICE

Associate Editor, *Evolutionary Anthropology*, 2018 – present

Associate Editor, *Journal of Human Evolution*, 2013 – 2015

Hunter College Physical Anthropology Discussion Group, Organizer & Group Leader, 2013 – 2018

Hunter College Ad Hoc Committee on Workload Credit, Committee Member and Anthropology Dept. Representative, 2017-2018

The Sciences at Hunter College Recruitment Event, Office of the VP of Student Affairs, Faculty Presenter and Recruiter, 2013 – 2015

Hunter College Anthropology Department, Assessment Committee Member, 2014 – present

Northeastern Evolutionary Primatologists (NEEP) Group, Executive Committee Member, 2014

Putnam Valley High School Summer Science Internship Program, mentor for NYC area high school student in primate paleontology, 2019

Hastings on Hudson Schools Summer Science Internship Program, mentor for NYC area high school student in primate paleontology, 2018

Abraham Joshua Heschel School Summer Science Internship Program, mentor for NYC high school student in primate paleontology, 2014 – 2015

Hunter College Undergraduate Research Initiative Research Fellowship, mentor for Hunter College female undergraduate working on the identification of Lower Siwalik mammals, 2013

Revealing Human Origins Initiative, Invited Participant in the Cercopithecoid Analytical Working Group, April 2009

Editorial Assistant, *Evolutionary Anthropology*, 2006-2008

Long Island Science and Engineering Fair, First Round Judge, 2007-2008

Executive Committee Member, Interdepartmental Doctoral Program in Anthropological Sciences, Stony Brook University, 2003

Manuscript ad hoc reviewer: *American Journal of Physical Anthropology*, *Journal of Anatomy*, *Journal of Human Evolution*, *Anatomy Research International*, *Annals of the Transvaal Museum*, *Biological Journal of the Linnean Society*, *PLOS ONE*, *BMC Evolutionary Biology*, *Evolutionary Anthropology*, *Evolutionary Bioinformatics*, *American Journal of Primatology*, *PeerJ*, *Evolution*

Grant ad hoc reviewer: The National Science Foundation, The L. S. B. Leakey Foundation

NSF/SBE 2020: Future Research in the Social, Behavioral and Economic Sciences White Paper
Gilbert, CC and Steiper, ME. (2010). Bridging Molecular and Paleontological Evidence for the Origin and Diversification of Major Primate Groups.

STUDENTS ADVISED/COMMITTEES SERVED

Advisor, Graduate Center, CUNY Ph.D. program in Anthropology: Julia Arenson 2016-present

Advisor, Hunter College, CUNY, M.A. program in Anthropology: Jude Magaro 2014-present

Committee Member, Graduate Center, CUNY, Ph.D. program in Anthropology: Claudia Astorino, Eric Mazelis, Darice Westphal, Kristen Ramirez, Jordan Crowell

Advisor, Graduate Center, CUNY, Ph. D. Anthropology: Kelsey Pugh (2020)
Thesis: *The Phylogenetic Relationships of Middle-Late Miocene Apes: Implications for Early Human Evolution.*

Advisor, Graduate Center, CUNY, Ph. D. Anthropology: Zachary Klukkert (2019)
Thesis: *The Functional Morphology of Ingestion in the Platyrrhine Sclerocarpic Harvesters (Platyrrhini, Primates)*

Committee Member, New York University, Ph.D. Anthropology: Ashley Bales (2017)
Thesis: *The Phylogenetic Position of Proconsul and Catarrhine Ancestral Morphotypes.*

Committee Member, Graduate Center, CUNY, Ph.D. Anthropology: Eva Garrett (2014)
Thesis: *Was There a Sensory Trade-Off in Primate Evolution? The Vomeronasal Groove as a Means of Understanding the Vomeronasal System in the Fossil Record.*

Committee Member, New York University, Ph.D. Anthropology: Steven Worthington (2012)
Thesis: *New Approaches to Late Miocene Hominoid Systematics: Ranking Morphological Characters by Phylogenetic Signal*

- Advisor, Hunter College, CUNY, M.A. Anthropology:** Brianne Finley (2020)
Thesis: *Relationship of posterior intracranial venous structures in Homo sapiens and handedness.*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Emily Dunn (2019)
Thesis: *The Sound of Bone: The initial testing and analysis of sound as a species identification method for osteological remains.*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Amrita Persaud (2019)
Thesis: *Analysis of premolar flange length in male African papionin taxa: an investigation of possible dental differences between Parapapio and Papio.*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Kathleen Rust (2018)
Thesis: *An investigation of the phylogenetic affinities of Sivaladapidae within Adapoidea*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Bailey Colohan (2018)
Thesis: *Do osteon morphotypes identified in the mid-diaphysis of human femurs indicate the same torsional load history as chimpanzees?*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Amanda Fuchs (2017)
Thesis: *Ecological Niche Modeling of the genus Papio*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Kristina Feeney (2017)
Thesis: *Phylogenetic Affinities of Homo floresiensis incorporating postcranial characters*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Ryan Schaars (2017)
Thesis: *Sexual dimorphism in the femur and pelvis of Cebus apella with a randomization experiment examining sample size in the fossil record*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Valda Black (2014)
Thesis: *A 3D Geometric Morphometric Approach to Characterizing Cranial Modification Heterogeneity in the Peruvian Chanka site of Cachi (AD 1000-1400)*
- Co-Advisor, Hunter College, CUNY, M.A. Anthropology:** Lisa Tamaye (2014)
Thesis: *The Prevalence of Treponemal Disease and Tuberculosis in the Pre-Contact and Post-Contact Skeletal Records of Three Distinct Polynesian Populations*
- Advisor, Hunter College, CUNY, M.A. Anthropology:** Samyukta Ravi (2013)
Thesis: *Craniodental Morphological Evolution of the African Guenons (Tribe Cercopithecini)*

PROFESSIONAL MEMBERSHIPS

American Association of Physical Anthropologists
Society of Vertebrate Paleontology
International Primatological Society

SELECTED MEDIA/PRESS

- Research Matters-** Anand, A. (September 11, 2020). Ape fossil from Ramnagar could fill the gaps in understanding the evolution of gibbons. <https://researchmatters.in/news/ape-fossil-ramnagar-could-fill-gaps-understanding-evolution-gibbons>
- The Times of India-** Uniyal, R. (September 10, 2020). 13-million-yr-old tooth found in J&K hills leads to discovery of new ape species in India. <https://timesofindia.indiatimes.com/india/13-million-yr-old-tooth-found-in-jk-hills-leads-to-discovery-of-new-ape-species-in-india/articleshow/78024115.cms>
- ScienceNews-** Bower, B. (September 8, 2020). A stray molar is the oldest known fossil from an ancient gibbon. <https://www.sciencenews.org/article/ancient-primates-apes-gibbon-tooth>
- #SciCommPLOS Blog-** Pobiner, B., Beaudoin, E. (December 7, 2017). Top 5 Human Evolution Discoveries of 2017 (*N. alesi*, #5). <http://blogs.plos.org/sciomm/2017/12/07/top-5-human-evolution-discoveries-of-2017/>
- Smithsonian Magazine/Smithsonian.com-** Daley, J. (August 10, 2017). Is This Baby Animal the Last Common Ancestor of Humans and Apes? <http://www.smithsonianmag.com/smart-news/baby-animal-may-be-last-common-ancestor-humans-and-apes-180964469/>
- Live Science-** Choi, C. (August 10, 2017). Here's What the Last Common Ancestor of Apes and Humans Looked Like. <https://www.livescience.com/60093-last-common-ancestor-of-apes-humans-revealed.html>
- The New Scientist-** Baxter, R. (August 9, 2017). Ancient skull belonged to a cousin of the ape common ancestor. <https://www.newscientist.com/article/2143384-ancient-skull-belonged-to-a-cousin-of-the-ape-common-ancestor/>
- The Telegraph (Calcutta, India)-** Jayan, T.V. (December 19, 2016). Bone Collector. https://www.telegraphindia.com/1161219/jsp/knowhow/story_125426.jsp
- New York Times-** Bhanoo, S. (August 24, 2015). A Piece of the Earliest Baboon Ever Found. <http://www.nytimes.com/2015/08/25/science/a-piece-of-the-earliest-baboon-ever-found.html>
- Live Science-** Geggel, L. (August 21, 2015). Skull of Earliest Baboon Discovered. <http://www.livescience.com/51937-earliest-baboon-fossil.html>
- Nature World News-** Mathewson, S. (August 20, 2015). Baboon Species Fossil Identified in South Africa. <http://www.natureworldnews.com/articles/16177/20150820/earliest-member-baboon-species-found-malapa.htm>
- International Business Times-** Martin, S. (August 19, 2015). Archaeologists discover earliest known baboon relative. <http://www.ibtimes.co.uk/archaeologists-discover-earliest-known-baboon-relative-1516193>
- Nature Middle East-** Costandi, M. (July 2, 2014). Fossil gives new insight on cheek pouch monkeys. <http://www.natureasia.com/en/nmiddleeast/article/10.1038/nmiddleeast.2014.171>
- The National-** Bardsley, D. (June 30, 2014). Monkey tooth gets to the root of UAE life millions of years ago. <http://www.thenational.ae/uae/science/monkey-tooth-gets-to-the-root-of-uae-life-millions-of-years-ago>
- YaleNews-** Shelton, J. (June 30, 2014). Ancient tooth offers clues to how and when monkeys left Africa. <http://news.yale.edu/2014/06/30/ancient-tooth-offers-clues-how-and-when-monkeys-left-africa>
- The National-** Bardsley, D. (March 1, 2014). Fossilised tooth found in Western Region provides further evidence that monkeys lived in Arabia seven million years ago. <http://www.thenational.ae/uae/heritage/fossilised-tooth-found-in-western-region-provides-further-evidence-that-monkeys-lived-in-arabia-seven-million-years-ago>

- YaleNews-** Gershon, E. (March 19, 2013). Tooth pushes back modern monkeys' first ancestor three million years. <http://news.yale.edu/2013/03/19/tooth-pushes-back-modern-monkeys-first-ancestor-three-million-years>
- Live Science-** Choi, C. (March 18, 2013). Fossils of earliest Old World monkeys unearthed. <http://www.livescience.com/27980-earliest-old-world-monkeys.html>
- Time.com-** Kluger, J. (December 4, 2012). Top 10 New Species of 2012- 4. The Congolese *Cercopithecus lomamiensis* monkey. <http://science.time.com/2012/12/04/top-10-science-lists/slide/the-congolese-cercopithecus-lomamiensis-monkey/>
- Yale Daily News-** Sidorova, A. (October 4, 2012). New species of Monkey Found in Congo. <http://yaledailynews.com/blog/2012/10/04/new-species-of-monkey-found-in-congo/>
- CNN.com-** McKenzie, D. (September 12, 2012). New Monkey Discovered. <http://www.cnn.com/2012/09/12/world/africa/dr-congo-new-monkey/index.html>
- New York Times-** Bhanoo, Sindya N. (January 16, 2012). Toe Fossil Contributes to a Head-Scratcher. http://www.nytimes.com/2012/01/17/science/primate-fossil-adds-to-claw-toenail-debate.html?_r=1
- Live Science-** Welsh, J. (January 11, 2012). Lemur-like toes complicate human lineage. <http://www.livescience.com/17856-lemur-ancestor-grooming-claw.html>
- New Haven Advocate-** Blair, J. (March 31, 2010). Little Horrors: How Yale Made Friends with Tiny Flesh-Eaters. <http://www.newhavenadvocate.com/featured-news/little-horrors>
- Live Science-** Moskowitz, C. (May 20, 2009). Amid Media Circus, Scientists Doubt “Ida” is Your Ancestor. <http://www.livescience.com/animals/090520-fossil-reactions.html>
- Newsday-** Hernandez, C. (July 19, 2007). Anatomy of Evolution: Stony Brook study shows body size, not DNA, could unlock links between fossils and living animals. <http://www.newsday.com/news/anatomy-of-evolution-1.582178>