

Employment History

New York University, Professor of Anthropology 2005 – present.

New York University, Associate Professor of Anthropology 1998-2005.

New York University, Assistant Professor of Anthropology 1992-1998.

Education

PhD, Harvard University, Department of Anthropology, 1987-1992.

MA, Harvard University, Department of Anthropology, 1985-1987.

BA, Cornell University, College Scholar: Interdisciplinary Major in Anthropology, Computer Science, and Mathematics, *summa cum laude*, 1981-1985.

Grants

NYU Research Challenge Award: Jumping the species barrier: Unraveling the etiology of malaria in lemurs and humans in Madagascar, \$12,500, 2013-2014.

NSF: Doctoral Dissertation Improvement: The Effect of Interspecific Hybridization on MHC Diversity in Wild Baboons, for CM Bergey, \$31,226, 2012-2013.

NSF: Doctoral Dissertation Improvement: Molecular phylogeny and phylogeography of nocturnal primates (*Galagoides* spp) in Eastern Africa, for L Pozzi, \$18,221, 2011-2013.

NYU Research Challenge Award: A high throughput sequencing approach to Alu discovery, \$14,720, 2011-2012.

The Leakey Foundation: Next generation sequence analysis of a baboon hybrid zone, \$20,550, 2010-2011.

NYU Research Challenge Award: The characterization of *Alu* markers in African Old World monkeys, \$13,600, 2009-2010.

Wenner-Gren Foundation for Anthropological Research: Timing the Primate Colonization of Bioko Island Through the Use of Multiple Molecular Markers, \$22,500, 2008-2009.

NSF: Molecular Systematics of the Mangabeys (*Cercocebus* and *Lophocebus*), with AJ Tosi (Co-PI), \$209,814, 2007-2010.

NSF: Doctoral Dissertation Improvement. Primate Innate Immune Defense and Adaptation to SIV/HIV Infection, for KN Sterner, \$9,789, 2007.

NSF: Doctoral Dissertation Improvement. Genetic Marker Bias Effects on Inferences of Human Evolutionary History, for JB Listman, \$10,023, 2006-2007.

NSF: Collective action, reciprocity and kinship in blue monkey society, with M Cords (PI), \$301,311, 2006-2009.

NSF: Doctoral Dissertation Improvement. Molecular systematics of red colobus monkeys (*Procolobus*: Primates, Cercopithecidae), with E Delson, J Oates, for N Ting, \$10,000, 2005-2006.

NYU Research Challenge Award, Macaque evolution and malarial research, \$10,000, 2005-2006.

NSF: Doctoral Dissertation Improvement. Phylogenetic relationships and gene flow among southern African baboons, with Cliff Jolly, for AS Burrell, \$5,600, 2005.

NSF: Acquisition of a Molecular Primatology DNA Analysis System, \$428,560 (\$299,992 NSF + \$128,508 NYU), 2004-2005.

NSF: Doctoral Dissertation Improvement. Nucleotide Substitution Rate Variation in the Catarrhini (Order Primates), for RL Raam, \$9,800, 2003-2004.

NYU Research Challenge Award, Phylogenetically based genetic database for New World Monkeys, with A DiFiore, \$9,500, 2002-2003.

NIH R24GM065580: Mitochondrial-nuclear gene co-evolution and adaptation, with C-B Stewart (PI), LI Grossman, M Goodman, DD Pollock. \$1,502,851 total project / \$262,429 NYU subcontract, 2002-2006.

NSF: Doctoral Dissertation Improvement. Genetic Transposition of Baboon Endogenous Virus (BaEV) in Hybrid Old World Monkeys (Primates: Papionini) with C Jolly, for EM Uddin, \$4800, 2001.

NIH RO1GM060760: Molecular Phylogeny of Old World Monkey Host Species, with C-B Stewart (PI), \$1,100,125 total project / \$542,698 NYU subcontract, 2000-2005.

NSF: Interdepartmental Genetic Analysis Facility, with D Fitch, N Kallenbach, R Borowsky, and E Chang, \$115,045, 1998.

NYU Research Challenge Award, Ancient DNA Extraction Facility, \$5,000, 1998.

NSF: Doctoral Dissertation Improvement. Evolutionary Genetics of Chimpanzee (*Pan troglodytes*) in Nigeria and Cameroon for MK Gonder with J Oates, \$12,000, 1997-1999.

NSF: Research Experience for Undergraduates Supplement. Molecular Evolution of Old World Monkeys, \$4,000, 1997.

NSF: Genetic Structure of a Primate Hybrid Zone with C Jolly and J Phillips-Conroy, \$403,707, 1997-2000.

NSF: SBER Equipment Grant. Automated Molecular Anthropological analysis with C Jolly, \$44,800, 1996.

NSF: Faculty Early Career Development (CAREER) Grant. Molecular Evolution of Old World Monkeys: Research and Instruction, \$197,895, 1995-2000.

NSF: Doctoral Dissertation Improvement. Molecular Phylogeny of the Mangabeys for E Harris, \$9000, 1995-1997.

NYU Whitehead Fellowship: Phylogeny of HIV/SIV receptor genes in Old World Monkeys, \$15,000 1995.

NYU Curriculum Challenge Award, \$5000, 1993-1994.

Wenner-Gren Foundation for Anthropological Research Predoctoral Small Grant, \$4000, 1990-1991.

NSF Doctoral Dissertation Improvement Award with M Ruvolo, \$10,000, 1989-1990.

NSF Graduate Fellowship, 1985-1988.

Awards

NSF Faculty Early Career Development Award, 1995.

NYU CAS Golden Dozen Teaching Award, 1998 and 2009.

Derek Brewer Visiting Fellowship, Emmanuel College, Cambridge University, 2014.

Publications

Burrell AS, **Disotell TR**, Bergey CM. The use of museum specimens in the age of genomics. *Journal of Human Evolution* 79:35-44, 2015.

Morales Jimenez AL, **Disotell TR**, Di Fiore A. Revisiting the phylogenetic relationships, biogeography, and taxonomy of spider monkeys (*Ateles sp.*) in light of new molecular data. *Mol Phylogenet Evol.* Pt B: 467-483, 2015.

Disotell TR. Phylogenetic Relationships (Biomolecules). in Henke W, Tattersall I (eds) Handbook of Paleoanthropology, Second Edition, Vol. 3: Phylogeny of Hominines. Berlin: Springer-Verlag, 2014.

Pozzi L, **Disotell TR**, Masters JC. A multilocus phylogeny reveals deep lineages within African galagids (Primates: Galagidae). *BMC Evol. Biol.* 14:72, 2014.

Pozzi L, Hodgson JA, Burrell AS, Sterner KN, Raam RL, **Disotell TR**. Primate phylogenetic relationships and divergence dates inferred from complete mitochondrial genomes. *Mol Phylogenet Evol.* 75:168-183, 2014.

Montague MJ, **Disotell TR**, Di Fiore A. Population Genetics, Dispersal, and Kinship Among Wild Squirrel Monkeys (*Saimiri sciureus macrodon*): Preferential Association Between Closely Related Females and Its Implications for Insect Prey Capture Success. *International Journal of Primatology* 35:169-187, 2014.

Bergey CM, Pozzi L, **Disotell TR**, Burrell AS. A new method for genome-wide marker development and genotyping holds great promise for molecular primatology. *International Journal of Primatology* 34:303-214, 2013.

Disotell TR. Genetic Perspectives on Ape and Human Evolution. In Begun DR (ed). A Companion to Paleoanthropology. Oxford: Blackwell Publishing, 2013.

Disotell TR. Human Biologic Variation. In Mason PL (ed). Encyclopedia of Race and Racism, 2nd Edition. New York: Macmillan Reference, USA, 2013.

Disotell TR. 2012. Archaic human genomics. *American Journal of Physical Anthropology (Yearbook). Suppl.* 55:24-39, 2012.

Pozzi L, Hodgson JA, Burrell AS, **Disotell TR.** The stem catarrhine *Saadinius* does not inform the timing of the origin of crown catarrhines. *Journal of Human Evolution*, 61:209-210, 2011.

Hodgson JA, **Disotell TR.** Anthropological Genetics: Inferring the History of Our Species Through the Analysis of DNA. *Evolution: Education and Outreach* 3:387-298, 2010.

Hodgson JA, Bergey CM, **Disotell TR.** Neanderthal genome: the ins and outs of African genetic diversity. *Current Biology* 20:R517-9, 2010.

Disotell TR, Burrell AS. Molecular Taxonomy. In Rowe N (ed). *All the Worlds Primates*. New York: Pogonius Press. 2010.

Burrell AS, **Disotell TR.** Panmixia Postposted: ancestry-related assortative mating in contemporary human populations. *Genome Biology* 10:245, 2009.

Li J, Han K, Xing J, Kim H-S, Rogers J, Ryder OA, **Disotell T,** Yue B, Batzer MA. Phylogeny of the macaques (Cercopithecidae: *Macaca*) based on Alu elements. *Gene* 448:242-249, 2009.

Hodgson JA, Sterner KN, Matthews LJ, Burrell AS, Jani RA, Raaum RL, Stewart CB, **Disotell TR.** Successive radiations, not stasis, in the South American primate fauna. *Proceedings of the National Academy of Sciences U S A.* 106:5534-5539, 2009.

Burrell AS, Jolly CJ, Tosi AJ, **Disotell TR.** Mitochondrial evidence for the hybrid origin of the kipunji, *Rungwecebus kipunji* (Primates: Papionini). *Mol Phylogenet Evol* 51:340-348, 2009.

Di Fiore A, **Disotell TR,** Gagneux P, Ayala FJ. Primate malarias: Evolution, adaptation, and species jumping. In Huffman MA, Chapman CA (eds). *Primate Parasite Ecology: The Dynamics and Study of Host-Parasite Relationships*. Cambridge: Cambridge University Press, 2009.

Bilgin R, Karatas A, Coraman E, **Disotell T,** Morales JC. Regionally and climatically restricted patterns of distribution of genetic diversity in a migratory bat species, *Miniopterus schreibersii* (Chiroptera: Vespertilionidae). *BMC Evolutionary Biology* 8:209, 2008.

Disotell T, Di Fiore A. Bioinformatics in Molecular Anthropology. *Connect: Information Technology at NYU*. Spring/Summer, 2008.

Hodgson JA, **Disotell TR.** No evidence of Neanderthal contribution to modern human diversity. *Genome Biology*, 9: 206, 2008.

Disotell TR. Primates phylogenetics. *Encyclopedia of Life Sciences*. Hoboken: John Wiley & Sons, 2008.

Disotell TR. Modern human origins and evolution. *Encyclopedia of Life Sciences*. Hoboken: John Wiley & Sons, 2008.

Ting N, Tosi, AJ, Li Y, Zhang Y-P, **Disotell TR.** Phylogenetic incongruence between nuclear and mitochondrial markers in the Asian colobines and the evolution of the langurs and leaf monkeys. *Molecular Phylogenetics and Evolution*, 46:466-474, 2008.

Disotell TR. Phylogenetic Relationships (Biomolecules). in Henke W, Tattersall I (eds). Handbook of Paleoanthropology, Vol. 3: Phylogeny of Hominids. Berlin: Springer-Verlag, 2007.

Disotell TR, Tosi AJ. The monkey's perspective. *Genome Biology* 8:226, 2007.

Xing J, Wang H, Zhang Y, Ray DA, Tosi AJ, **Disotell TR,** Batzer MA. A Mobile Element Based Evolutionary History of Guenons (Tribe Cercopithecini). *BMC Biology* 5:5, 2007.

Listman JB, Malison RT, Sughondhabirom A, Yang BZ, Raaum RL, Thavichachart N, Sanichwankul K, Kranzler HR, Tangwonchai S, Mutirangura A, **Disotell TR,** Gelernter J. Demographic changes and marker properties affect detection of human population differentiation. *BMC Genetics* 8:21, 2007.

Disotell TR. 'Chumanzee' evolution: the urge to diverge and merge. *Genome Biology* 7:240, 2006.

Gonder MK, **Disotell TR.** Contrasting Phylogeographic Histories of Chimpanzees in Nigeria and Cameroon: A Multi-Locus Genetic Analysis. in Lehman SM and Fleagle J (eds). Primate Biogeography: Progress and Perspectives. New York: Springer, 2006.

Sterner KN, Raaum RL, Zhang Y-P, Stewart C-B, **Disotell TR.** Mitochondrial Data Support an Odd-Nosed Colobine Clade. *Molecular Phylogenetics and Evolution* 40:1-7, 2006.

Gonder MK, **Disotell TR,** Oates JF. New genetic evidence on the evolution of chimpanzee populations and implications for taxonomy. *International Journal of Primatology* 27:1103-1127, 2006.

Sutton WK, Knight A, Underhill PA, Neulander JS, **Disotell TR,** Mountain JL. Toward resolution of the debate regarding purported crypto-Jews in a Spanish-American population: evidence from the Y-chromosome. *Annals of Human Biology*, 33:100-111, 2006.

Xing J, Wang H, Han K, Ray DA, Huang CH, Chemnick LG, Stewart C-B, **Disotell TR,** Ryder OA, Batzer MA. A Mobile Element Based Phylogeny of Old World Monkeys. *Genetics*, 37:872-880, 2005.

Tosi AJ, Detwiler KM, **Disotell TR.** Y-chromosomal markers suitable for non-invasive studies of guenon hybridization. *International Journal of Primatology*, 36:58-66, 2005.

Raina SZ, Faith JJ, **Disotell TR,** Seligmann H, Stewart C-B, Pollock DD. Evolution of base substitution gradients in primate mitochondrial genomes. *Genome Research*, 15:665-73, 2005.

Raaum RL, Sterner KN, Noviello CM, **Disotell TR,** Stewart C-B. Catarrhine Primate Divergence Dates Estimated from Complete Mitochondrial Genomes: Concordance with Fossil and Nuclear DNA Evidence. *Journal of Human Evolution*, 48:337-357, 2005.

Tosi AJ, Melnick DJ, **Disotell TR.** Sex chromosome phylogenetics indicate a single transition to terrestriality in the guenons (tribe Cercopithecini). *Journal of Human Evolution*, 46:223-237, 2004.

Wildman DE, Bergman TJ, al-Aghbari A, Sterner, KN, Newman TK, Phillips-Conroy JE, Jolly CJ, **Disotell TR.** Mitochondrial Evidence for the Origin of Hamadryas Baboons. *Molecular Phylogenetics and Evolution*, 32:287-296, 2004.

Disotell TR. Modern humans: origin and evolution. Encyclopedia of the Human Genome. London: Nature Publishing Group, 2003.

Disotell TR. Primates: phylogenetics. *Encyclopedia of the Human Genome*. London: Nature Publishing Group, 2003.

Disotell TR. Modern humans: archaic and modern. *Encyclopedia of the Human Genome*. London: Nature Publishing Group, 2003.

Rapp R, **Disotell TR.** Teaching Four Fields: Gene Therapy for General Anthropology. *General Anthropology* 9:1-10, 2003.

Grubb P, Butynski TM, Oates JF, Bearder SK, **Disotell TR**, Groves CP, Struhsaker TT. An Assessment of the diversity of African primates. *International Journal of Primatology*. 14:1301-1358, 2003.

Disotell TR. Discovering human history from stomach bacteria. *Genome Biology* 4:213.1-213.4, 2003.

Telfer PT, Souquiere S, Clifford SL, Abernathy KA, Bruford MW, **Disotell TR**, Sterner KN, Roques P, Marx PA, Wickings EJ. Molecular evidence for deep phylogenetic divergence in *Mandrillus sphinx*. *Molecular Ecology*. 12:2019-2024, 2003.

Tosi AJ, **Disotell TR**, Morales JC, Melnick DJ. Cercopithecine Y-chromosome data provide a test of competing morphological evolutionary hypotheses. *Molecular Phylogenetics and Evolution* 27:510-521, 2003.

Disotell TR, Raaum R. Molecular Timescale and Gene Tree Incongruence in the Guenons. in Glenn ME and Cords M (eds). *The Guenons: Diversity and Adaptation in African Monkeys*. New York: Plenum, 2003.

Oates JF, McFarland KL, Groves JL, Bergl RA, Linder JM, **Disotell TR.** The Cross River Gorilla: The natural history and status of a neglected and critically endangered subspecies. in Taylor A and Goldsmith M (eds). *Gorilla Biology: A Multidisciplinary Perspective*. Cambridge: Cambridge University Press, 2002.

Disotell TR. Molecular Anthropology and Race. *Annals of the New York Academies of Sciences* 925:9-24, 2000.

Disotell TR. Human genomic variation. *Genome Biology* 1:2004.1-2004.3, 2000.

Disotell TR. Molecular Systematics of Old World Monkeys. in Whitehead, PF and Jolly, CJ (eds). *Old World Monkeys*. Cambridge: Cambridge University Press. 2000.

Hey J, Harris EE, **Disotell TR.** Origins of modern humans still look recent [Correspondence]. *Current Biology* 10: R8-9, 2000.

Disotell TR. Human evolution: The southern route to Asia. *Current Biology* 9: R925-R928. 1999.

Disotell TR. Human evolution: Origins of modern humans still look recent. *Current Biology* 9:R647-R650, 1999.

Moya-Sola S, Kohler M, Alba, DM, Stewart C-B, **Disotell TR.** Primate evolution - in and out of Africa [Correspondence]. *Current Biology* 9:R547-550, 1999.

Jablonski NG, Zhang Y, Ryder OA, Stewart C-B, **Disotell TR.** Primate evolution - in and out of Africa [Correspondence]. *Current Biology* 9:R119-122, 1999.

Szmulewicz MN, Andino LM, Reategui EP, Woolley-Barker T, Jolly CJ, **Disotell TR**, Herrera RJ. An Alu insertion polymorphism in a baboon hybrid zone. *American Journal of Physical Anthropology* 109:1-8, 1999.

Melnick DJ, **Disotell TR**, Morales JC. Molecular Phylogenetic Studies of Nonhuman Primates. in Fuentes A and Dolhinow P (eds). *The Nonhuman Primates*. Mountain View: Mayfield Press. 1999.

Disotell TR. Sex-specific contributions to genome variation. *Current Biology*. 9: R29-R31, 1999.

Miyamoto MM, Young TS, Ward C, Zihlman AL, Lowenstein JM, Groves C, Covert H, Stewart C-B, **Disotell TR**. Primate evolution - in and out of Africa [Correspondence]. *Current Biology* 8:R745-6; discussion 746-8, 1998.

Stewart C-B, **Disotell, TR**. Primate evolution - In and out of Africa *Current Biology* 8:R582-R587, 1998.

Skryabin BV, Kremerskothen J, Vassilacopoulou D, **Disotell TR**, Kapitonov VV, Jurka J, Brosius J. BC200 RNA gene and its neural expression is conserved in the Anthrozoidea (Primates). *Journal of Molecular Evolution* 47:677-685, 1998.

Harris EE, **Disotell TR**. Nuclear Gene Trees and the Phylogeny of Mangabeys (Primates: Papionini). *Molecular Biology and Evolution* 15:892-900, 1998.

Jolly CJ, Woolley-Barker T, **Disotell TR**, Beyene S, Phillips-Conroy JE. Intergeneric Hybrid Baboons, *International Journal of Primatology* 18:597-627, 1997.

Gonder K, Oates JF, **Disotell TR**, Forstner MJ, Morales JC, Melnick DJ. A new west African chimpanzee subspecies? *Nature* 388:337, 1997.

Disotell TR. The Phylogeny of Old World Monkeys. *Evolutionary Anthropology* 5:18-24, 1996.

Adkins RM, Honeycutt RL, **Disotell TR**. Evolution of Eutherian Cytochrome c Oxidase Subunit II: Heterogeneous Rates of Protein Evolution and Altered Interaction with Cytochrome c. *Molecular Biology and Evolution* 13:1393-1404, 1996.

Jolly CJ, Oates JF, **Disotell TR**. Chimpanzee Kinship (Letters). *Science* 268:185-186, 1995.

Ruvolo M, Pan D, Zehr S, Goldberg T, **Disotell TR**, von Dornum M. Gene Trees and Hominoid Phylogeny. *Proceedings of the National Academy of Sciences USA* 91:8900-8904, 1994.

Disotell TR. Generic Level Relationships of the Papionini (Cercopithecoidea). *American Journal of Physical Anthropology* 94:47-57, 1994.

Disotell TR, Zehr SM, Ruvolo M. Double-Stranded Dideoxy Sequencing From "Dirty" DNA - Done In A Day. *BioTechniques* 13:48-49, 1992.

Disotell TR, Honeycutt RL, Ruvolo M. Mitochondrial DNA Phylogeny of the Old World Monkey Tribe Papionini. *Molecular Biology and Evolution* 9:1-13, 1992.

Ruvolo M, **Disotell TR**, Allard MW, Brown WM, Honeycutt RL. Resolution of the African hominoid trichotomy by use of a mitochondrial gene sequence. *Proceedings of the National Academy of Sciences USA* 88:1570-1574, 1991.

Kennedy KAR, Deraniyagala SU, Roertgen WJ, Chiment J, **Disotell T**. Upper Pleistocene Fossil Hominids From Sri Lanka. *American Journal of Physical Anthropology* 72:441-461, 1987.

Kennedy KAR, **Disotell T**, Roertgen WJ, Chiment J, Sherry J. Biological anthropology of Upper Pleistocene Hominids from Sri Lanka: Batadomba Lena and Beli Lena Caves. *Ancient Ceylon* 6, 1986.

Kennedy KAR, Chiment J, **Disotell T**, Meyers D. Principal-Components Analysis of Prehistoric South Asian Crania. *American Journal of Physical Anthropology* 64:105-118, 1984.

Book Reviews

Disotell TR. Genetic Nature / Culture. Goodman AH, Heath D, Lindee MS (eds). Berkeley: University of California Press. *American Journal of Human Biology*, 17:520-521, 2005.

Disotell TR. The Art of Genes: How Organisms Make Themselves. Coen E. Oxford: Oxford University Press. *American Journal of Human Biology*, 13:295, 2001.

Disotell TR. The human career: human biological and cultural origins. Klein RG, Chicago: University of Chicago Press. *Quarterly Review of Biology*, 74:, 2000.

Disotell TR. The Natural History of the Doucs and Snub-Nosed Monkeys. Jablonski NG (ed). Singapore: World Scientific Publishing. *American Journal of Physical Anthropology* 110:474-476, 1999.

Disotell TR. Basic Human Genetics. Mange, EJ and Mange, AP. Sunderland, MA: Sinauer. *American Journal of Physical Anthropology* 94:286-287, 1994.

Published Abstracts of Presented Talks

Bergey CM, Phillips-Conroy JE, **Disotell TR**, Jolly CJ. Hybrid zone genomics: The structure of a baboon contact zone inferred from RAD tags. *American Journal of Physical Anthropology* S58:76-77, 2014.

Koenig A, Larney E, Di Fiore A, **Disotell TR**, Borries C. Demography, rank dynamics, and reproductive success of male Phayre's leaf monkeys. *American Journal of Physical Anthropology* S56:160, 2013.

Burrell AS, Jolly CJ, Bergey CM, Phillips-Conroy J, Rogers J, **Disotell TR**. Kinda baboons in phylogenetic and paleogeographic perspective. *American Journal of Physical Anthropology* S56:74, 2013.

Disotell TR. Molecular Systematics of the Papionini. XXIV Congress of the International Primatological Society, Cancun, Mexico. 2012.

Morales-Jimenez, A, **Disotell T**, Di Fiore A. Phylogeny and Biogeography of Spider Monkeys (Genus *Ateles*): A New Hypothesis. XXIV Congress of the International Primatological Society, Cancun, Mexico. 2012.

Burrell A, Jolly C, Rogers J, Phillips-Conroy J, **Disotell T**. Inferring the dispersal behavior of the Kinda baboon (*Papio kindae*) from multilocus genetic data. *American Journal of Physical Anthropology* 51:99, 2011.

Burrell AS, Jolly CJ, Phillips-Conroy JE, **Disotell TR**. Conflicting mitochondrial and Y-chromosomal phylogenies indicate complex evolutionary history of *Papio baboons*. *American Journal of Physical Anthropology* 50:74, 2010.

Canedo AP, Burrell AS, Jagoda E, Bergey CM, Tosi AJ, **Disotell TR**. Phylogenetic relationships of the mangabeys inferred from analyses of multiple independent loci. *American Journal of Physical Anthropology* 50:76, 2010.

Disotell TR, Bergey CM. Rectal flexion is homoplastic amongst great apes. *American Journal of Physical Anthropology* 50:95-96, 2010.

Jolly CJ, Phillips-Conroy JE, Burrell AS, Bergey C, Larney E, **Disotell TR**. The circle is unbroken: hybridization occurs between Kinda and chacma baboons in the Kafue Valley, Zambia. *American Journal of Physical Anthropology* 50:136, 2010.

Bergey CM, Jolly CJ, Phillips-Conroy JE, Barrell A, **Disotell TR**. Mitochondrial population structure of a baboon contact zone. *American Journal of Physical Anthropology* 94:286-287, 2009.

Burrell AS, Jolly CJ, Tosi AJ, **Disotell TR**. Genetic data suggest the kipunji mangabey (*Rungwecebus kipunji*) is hybrid in origin. *American Journal of Physical Anthropology* 48:99, 2009.

Hodgson JA, Pozzi L, Sterner KN, Stewart CB, **Disotell TR**. Molecular divergence dates suggest an origin of crown primates near the K/T boundary. *American Journal of Physical Anthropology* 48:151, 2009.

Dacier A, Morales-Jimenez AL, Blair M, **Disotell TR**. Phylogeny of New World monkeys (Primates: Platyrrhini) based on large genomic sequence data. *American Journal of Physical Anthropology*, Supplement 46: 86-87, 2008.

Hodgson JA, Sterner KN, Matthews LJ, Jani R, Stewart CB, **Disotell TR**. Phylogenetic relationship of the Platyrrhini inferred from complete mitochondrial genome sequences. *American Journal of Physical Anthropology*, Supplement 46: 118-119, 2008.

Disotell TR. Origins of the Old World monkeys: a molecular perspective. *American Journal of Physical Anthropology*, Supplement 44: 100, 2007.

Ehardt CL, Butynski TM, **Disotell TR**, Gautier JP, McGraw WS. A new and comprehensive analysis of the taxonomy of East Africa's threatened mangabeys and its importance to conservation. *American Journal of Physical Anthropology*, Supplement 44: 104-105, 2007.

Satkoski JA, Dupain J, Melnick DJ, **Disotell TR**. Genetic estimation of pattern of social organization in western gorillas (*G. g. gorilla*) in the northern periphery of the Dja Reserve, Cameroon. *American Journal of Physical Anthropology*, Supplement 44: 206, 2007.

Disotell TR. Primate phylogenomics and conservation. *Primate Eye*, 90:19, 2006.

Disotell TR. Molecular systematics of the mangabeys. *International Journal of Primatology* 27 (Suppl 1): abstract #89, 2006.

Disotell TR. Plenary: molecular phylogenetics of the order Primates. *International Journal of Primatology* 27 (Suppl 1): abstract #184, 2006.

- Ting N, Delson E, Oates JF, **Disotell TR**. Molecular systematics of red colobus monkeys (*Procolobus* [*Piliocolobus*]). *International Journal of Primatology* 27 (Suppl 1): abstract #96, 2006.
- Disotell TR**, Burrell AS, Clifford SL, Raaum RL, Sterner KN, Tosi AJ. Molecular Phylogeny of the Papionini. *American Journal of Physical Anthropology*, Supplement 38: 99, 2005.
- Burrell AS, Jolly CJ, Rogers J, **Disotell TR**. Mitochondrial phylogeny of southern African baboons. *American Journal of Physical Anthropology*, Supplement 36: 71, 2004.
- Clifford SL, Abernathy KA, White LJT, Marx PA, **Disotell TR**, Wickings EJ. Genetic studies of *Mandrillus sphinx* in Gabon. *American Journal of Physical Anthropology*, Supplement 36: 76, 2004.
- Raaum RL, Sterner KN, Tosi AJ, Farley SA, Zhang L, Harper MS, Krasinski KE, **Disotell TR**. Life history variables and nucleotide substitution rate variation in the catarrhine primates. *American Journal of Physical Anthropology*, Supplement 36: 163-164, 2004.
- Tosi AJ, **Disotell TR**. Expanded X-chromosomal dataset offers increased phylogenetic resolution in the Cercopithecini. *American Journal of Physical Anthropology*, Supplement 36: 196, 2004.
- Tosi AJ, Krasinski KE, **Disotell TR**, Melnick DJ. Sex chromosome phylogenetics indicate a single transition to terrestriality in the tribe Cercopithecini. *American Journal of Physical Anthropology*, Supplement 34:210-211, 2003.
- Disotell TR**, Tosi AJ, Di Fiore A. X-chromosome phylogeny of the Platyrrhini. *American Journal of Physical Anthropology*, Supplement 34:89-90, 2003.
- Raaum RL, Sterner KN, **Disotell TR**. 2003. Molecular estimates of primate divergence dates. *American Journal of Physical Anthropology*, Supplement 34:173, 2003.
- Sterner KN, Raaum RL, Tosi AJ, Noviello CM, Schienman JE, Collura RV, Stewart C-B, **Disotell TR**. 2003. Colobine molecular phylogeny. *American Journal of Physical Anthropology*, Supplement 34:200, 2003.
- Raaum RL, Sterner KN, Noviello CM, **Disotell TR**, Karanth PK, De Koning APJ, Stewart C-B. Nuclear gene phylogenies from Old World monkeys. *American Journal of Physical Anthropology*, Supplement, 32:128, 2002.
- Disotell TR**, Raaum RL, Sterner KN, Noviello CM, Stewart C-B. Old World monkey mitochondrial DNA evolution. *American Journal of Physical Anthropology*, Supplement, 32:63, 2002.
- Bergl R, Linder J, Oates J, McFarland K, Nickel G, **Disotell TR**. Mitochondrial DNA Variability of Nigerian Gorillas. in *The Apes: Challenges for the 21st Century*. Chicago, Chicago Zoological Society, p. 363, 2001.
- Gonder MK, Oates JF, **Disotell TR**. Evolutionary Genetics of Chimpanzees (*Pan troglodytes*) in Western Africa. in *The Apes: Challenges for the 21st Century*. Chicago, Chicago Zoological Society, p. 371, 2001.
- Disotell TR**, Stewart C-B. Primate evolution: In and out of Africa. *American Journal of Physical Anthropology*, Supplement 30:140, 2000.

- Raaum RL, **Disotell TR**, Jolly CJ, Wildman DW, Telfer PT. A preliminary molecular phylogeny of the guenons. *American Journal of Physical Anthropology*, Supplement 30:256-257, 2000.
- Wildman DE, Telfer PT, Jolly CJ, **Disotell TR**, Bergman TJ, Phillips-Conroy JE, Newman TK. Evolution of mitochondrial DNA in baboons from the Horn of Africa and the Arabian Peninsula. *American Journal of Physical Anthropology*, Supplement 30:320-321, 2000.
- Suarez S, Woolley-Barker T, Jolly CJ, **Disotell TR**, Phillips-Conroy JE, Newman TK. A possible case of MHC heterozygote advantage in a baboon hybrid zone. *American Journal of Physical Anthropology*, Supplement 28:261, 1999.
- Oates JF, McFarland KL, Stumpf RM, Fleagle JG, **Disotell TR**. New findings on the distinctive gorillas of the Nigeria-Cameroon border region. *American Journal of Physical Anthropology*, Supplement 28:213-214, 1999.
- Gonder MK, Oates JF, **Disotell TR**. Evolutionary genetics of chimpanzees (*Pan troglodytes*) in Nigeria and Cameroon. *American Journal of Physical Anthropology*, Supplement 28:138, 1999.
- Araya RV, **Disotell TR**. Waste is a Terrible Thing to Mind: Extracting DNA from Feces. *American Journal of Physical Anthropology*, Supplement 24:68, 1997.
- Harris EE, **Disotell TR**. Nuclear gene trees and mangabey evolution. *American Journal of Physical Anthropology*, Supplement 24:123, 1997.
- Newman TK, **Disotell TR**. The distribution of mtDNA markers in 1973 and its implications for mechanisms of hybridization in the Awash. *American Journal of Physical Anthropology*, Supplement 24:177, 1997.
- Wildman DE, **Disotell TR**. The Rate of Molecular Change in Catarrhine Evolution: A Synthesis of the Current Evidence. *American Journal of Physical Anthropology*, Supplement 24:240, 1997.
- Newman TK, Jolly CJ, **Disotell TR**, Phillips-Conroy JE, Brett FL. Spatial population structure in a baboon hybrid zone, central Ethiopia, based on mtDNA variation. *American Journal of Physical Anthropology*, Supplement 22:177, 1996.
- Jolly CJ, **Disotell TR**, Barker T, Beyene S, Phillips-Conroy JE. Inter-generic hybrid baboons. *American Journal of Physical Anthropology*, Supplement 18:61, 1995.
- Disotell TR**. Choosing Molecular Sequences for Phylogenetic Analysis. *American Journal of Physical Anthropology*, Supplement 18:81, 1994.
- Newman TK, Dirks W, **Disotell TR**, Jolly CJ, Phillips-Conroy JE. MtDNA polymorphism in baboons (*Papio hamadryas*, s.l.). *American Journal of Physical Anthropology*, Supplement 18:153, 1994.
- Disotell TR**. Systematics of the Cercopithecinae. *American Journal of Physical Anthropology*, Supplement 16:81, 1993.
- Disotell TR**. Molecular systematics of the Papionini. *American Journal of Physical Anthropology*, Supplement 14:71, 1992.
- Disotell TR**. Phylogenetic analysis of the Old World Monkey tribe Papionini using mitochondrial DNA sequence data. *American Journal of Physical Anthropology*, Supplement 12:68, 1991.

Ruvolo M, **Disotell TR**, Allard MW, Brown WM, Honeycutt RL. Resolution of the African hominoid trichotomy using a mitochondrial gene sequence. *American Journal of Physical Anthropology*, Supplement 12:156, 1991.

Disotell TR, Honeycutt RL, Brown WM, Ruvolo M. Evolution of the cytochrome c oxidase subunit II gene in primates. *American Journal of Physical Anthropology* 78:215, 1989.

Invited Talks

SUNY Stony Brook, Molecular Evolution of the Old World Monkeys, 9/93.

AMNH Louis S.B. Leakey Symposium, New Research in Primate Molecular Systematics, 10/94.

York College, New York City Math and Science Teachers Conference: Recent Discoveries in Biological Anthropology, 5/94 and 5/95.

NYU Teaching and Technology Conference: The use of computers in teaching, 5/95.

SUNY Purchase, Human Biological Diversity from a Genetic Perspective, 4/95.

Cornell University, Primate Molecular Evolution, 5/95.

AMNH, Scientists and Science Writers: Human Evolution, 4/96.

NYU Faculty Resource Network, Recent Advances in Human Evolution, 5/96.

Gordon Research Conference, Nucleic Acids: Primate Molecular Evolution, 6/96.

CUNY John Jay College, Panel Discussion of Cultural Diversity, 3/97.

Manhattan College, Keynote Speaker for the Biology Honors Society, Molecular Evolution of the Primates, 5/97.

SUNY Stony Brook, Molecular Evolution of Modern Humans, 5/97, 5/98, 5/99, 4/00.

Arizona State University, Human Evolution and Diversity, 6/98.

Columbia University, Uses and Misuses of Molecular Evolutionary Approaches, 9/98.

Yale University, A Synthesis of Fossil and Molecular Data in Primate Evolution, 10/98.

Harvard University, Genes, Geography, and Geology, 10/98.

New England Molecular Evolutionary Biology Conference, Primate Evolution, 10/98.

CUNY Graduate Center, Primate Evolution in and out of Africa, 11/98.

Primate Research Institute, Kyoto University, Molecular Evolution of the Cercopithecidae, 1/99.

NSF CAREER Recipient Conference, Washington, D.C., 1/99.

New York City Medical Examiners Office, Human Diversity, 1/99.

UC Davis, Department of Anthropology Colloquim Series, Race and Human Evolution, 1/99.

Homoplasy, Sponsored by Wenner-Gren, St. Louis, MO. 4/99.

Recent Advances in Science 1999-2000, Recent Advances in Human Evolution and Variation, sponsored by NYU School of Education, 9/99.

Queens College, CUNY, Anthropology Department Colloquia Series, Primate Evolution in and out of Africa. 10/99.

Biologizing Culture, American Museum of Natural History Free Programs Symposium, Evolution, Human Variation, and Group Differences, 11/99.

New York Academy of Sciences, Molecular Anthropology and Race, 10/00.

Anthropoid Origins, NSF/Wenner-Gren Sponsored Conference, Pittsburgh, PA, 4/01.

Primate Evolution: In and Out of Africa. American Association for the Advancement of Sciences, Boston, MA invited speaker, 2/02.

New York City Medical Examiners Office, Molecular Tools in Primatology, 10/03.

Queens College Biology Department Colloquia Series, Genomics and Human Evolution, 10/04.

New York University School of Medicine, Department of Medical and Molecular Parasitology, 11/04.

University of Minnesota, Department of Anthropology, Human Genomic variation, 2/05.

Chaimande University, Hawaii. Bio 2010: Integrative Approaches to Teaching Science, 1/06.

New York University, Center for the Study of Human Origins, Molecular systematics of the primates: What we've learned, where we need to go, 3/06.

IPS Congress, Entebbe, Uganada. Plenary: molecular phylogenetics of the order Primates, 8/06.

British Primatological Society, Cambridge, England. Keynote: Primate phylogenomics and conservation, 1/07.

Xavier University, New Orleans. Bioinformatics: Integrative Approaches to Teaching Science, 3/07.

Anthopologisches Kolloquim Univeristat Zurich, 5/07.

New York University, Faculty Resource Network, Teaching Evolution, 6/09.

Califorina Academy of Sciences, San Francisco, Times Are A-Changin': New Methods Tell a New Tale of Primate Evolution, The Leakey Foundation 2010 Speaker Series on Human Origins, 1/10.

Houston Museum of Natural Science, Times Are A-Changin': New Methods Tell a New Tale of Primate Evolution, The Leakey Foundation 2010 Speaker Series on Human Origins, 2/10.

The Secret Science Club, The Bell House, Brooklyn, Human and Primate Origins, 10/10.

Ramapo College, 11/11, Human Evolution and Infectious Disease.

Yale University, Department of Anthropology, From the Molecular Clock to Swatches, 1/12.

SUNY New Paltz, Evolutionary Studies Program, 3/13, Neanderthal Evolution – Surfing the genomic wave: archaic hominin hybridization with modern humans.

University of Chicago, Committee on Genetics, Genomics & Systems Biology Molecular Bioscience Colloquium, 5/13, Molecular Genetic Approaches in Conservation.

New York University Faculty Resource Network, Network Science, 6/13, The Application of Trees in Evolutionary Science.

Rutgers University, Center for Human Evolutionary Studies, 11/13, Surfing the Wave: Archaic Hominin Introgression and Modern Human Origins.

Emmanuel College, University of Cambridge, Fellows Lecture Series, Conservation Genetics, 1/14

Darwin Society Annual Address, Christ College, University of Cambridge, 2/14

TEDxNYU: Modern Mavericks, Conservation Genetics and the Search for New Species, 4/14

NYU Science on the Square, DNA and the Search for Elusive Creatures, 4/14

TEDxNYU: Community Event, Contagion, 10/14

Media Interviews

Chronicle of Higher Education (interview with Lawrence Biemiller), 10/95, Breakfast with Darwin: Morality, Mortality, and the Genetic Imperative.

MTV, 10/95, Sex in the 90's (Male Sexuality in an Evolutionary Perspective).

CNN, 9/96, The Pope's New Pronouncements on Human Evolution.

WCBS Radio, 7/97, Neanderthal DNA.

MSNBC Evening News, 7/97, Neanderthal Evolution.

FoxNews, 7/97, Evolution of the Family.

Idea Television, 10/98, Primate Evolution.

German Public Radio, 12/01, Primates and AIDS.

Animal Planet Television, 5/04, State of the Great Ape.

WORR Radio, 9/04, College Textbooks.

National Geographic Channel, 2/06, Is It Real? Ape Man.

National Geographic Channel, 09/07. Naked Science: Stoneage Apocalypse.

National Geographic Channel, 11/07, Is It Real?: Russian Bigfoot.

History Channel, 11/07, Monster Quest: Sasquatch Attacks.

History Channel, 11/07, Monster Quest: Mutant Canines.

History Channel, 12/07, Monster Quest: Lions in the Backyard.

BBC Radio, 10/08, Human Evolution.

National Geographic Channel, 11/08, Naked Science: What Killed the Aztecs?

History Channel, 1/09, Ancient Aliens.

Comedy Central, 8/09, The Daily Show with Jon Stewart, Human's Closest Relative.

Monster Talk presented by Skeptic Magazine, 9/09, Podcast, Bigfoot DNA.

National Geographic Channel, 4/11, Hunt for the Abominable Snowman.

National Geographic Channel, 9/12, The Human Lampshade: A Holocaust Detective Story.

History Channel, 4/13, America's Book of Secrets: The Ancient Astronaut Cover-Up.

SyFy Network, 7/13, Joe Rogan Questions Everything: Bigfoot DNA?

Monster Talk presented by Skeptic Magazine, 1/14, Podcast, Nature's Rich Bounty.

HuffPost Live, 1/14, Interview about The \$10 Million Bigfoot Bounty.

Fox5NY, 10/7, Interview about Ebola

JimHarold.com, The Paranormal Podcast, Skeptics Speak Out, Podcast 358, 11/14

Editorial Boards

International Journal of Primatology, Associate Editor.

Ad hoc Reviewer

National Science Foundation, Wenner-Gren Foundation, Leakey Foundation, Primate Conservation International, Wildlife Conservation Society, MacArthur Foundation. *American Journal of Physical Anthropology*, *Molecular Phylogenetics and Evolution*, *Molecular Biology and Evolution*, *Journal of Molecular Evolution*, *Evolutionary Anthropology*, *Journal of Human Evolution*, *BioTechniques*, *Human Biology*, *Current Biology*, *Quarterly Review of Biology*, *American Journal of Human Biology*, *American Journal of Human Genetics*, *Nature*, *Science*, *Genome Biology*, *Nature Review Genetics*.

Columbia University Press, Mayfield Publishing, Blackwell Scientific, Springer-Verlag, McGraw Hill.

University Service

Faculty Senators Council, Administration and Technology Committee, Chair 2013-present
FAS Faculty Senator, 2013-present
GSAS Graduate Curriculum Committee, 2011-2013, Chair 2012-2013.
ITS Science Advisory Faculty Committee, 2007-present.
Faculty Resource Network, Faculty Instructor, 2004-present.
Presidential Scholars Advisor, CAS, 2001-2005.
Director of Undergraduate Studies, NYU Dept. of Anthropology, 2000-2005.
CAS Academic Standards, 2001-2002.
FAS Policy and Planning, 2000-2001.
CAS Undergraduate Curriculum Committee, including 1 year as Chair, 1998-2001.
FAS Faculty Library Committee, 1998.
Principal Faculty Advisor to the Undergraduate Research Conference 1998, 1999.
Anthropology Department Computer Committee, responsible for design, implementation, and use of the computer aided instruction facility.
Social Science Computing Committee for the Academic Computing Facility (ACF).
University-wide financial systems redesign project focus group member.
Advised both MAP and the Biology Department on computer teaching lab design and setup

Courses Taught

Human Evolution; Human Variation; Molecular Evolution; Skeletal Morphology; Systematic Methodologies; Molecular Lab Techniques; Human Genetics & Biology; Phylogenetic Analysis; Human Evolution & Prehistory; Introduction to Biological Anthropology; Molecular Evolution of the Primates; Human Origins; Race, Science, and Politics; Emerging Diseases; Genes; Human Evolution and Health

Post Doctoral Advisees

Dr. Eleni Nikitopoulos (2006-2009), Dr. Andrew Burrell (2008-present), Dr. Anthony Tosi (2003-2008), Dr. Stephen Clifford (co-advisor 2003-2005).

Graduate Students

Principal Advisor

PhD

Luca Pozzi (PhD 2013), Jason Hodgson (PhD 2012), Kirstin Sterner (PhD 2009), Jennifer Listman (PhD 2009), Andrew Burrell (PhD 2008), Wesley Sutton (PhD 2007), Ryan Raum (PhD 2004), Derek Wildman (PhD 2000), Eugene Harris (PhD 1997), Christina Bergey, Laura Matthews

MA

Allison Sharplin (MA 2012), Megan Fluckiger (MA 2011), Jarred Heinrich (MA 2009), Maryjka Blaszczyk (MA 2008), Maggie Cocca (MA 2008), Emma Hite (MA 2008), Laura Gaydosh (MA 2006), Deena Emera (MA 2006), Ilana Soloman (MA 2006), Heidi Reinholt (MA 2007), LaShanda Williams

Committee member

New York University

Anthropology

Michael Montague (PhD 2011), Andreas Link (PhD 2011), Kate Detwiler (PhD 2009), Luke Matthews (PhD 2008), Rachel Dvoskin (PhD 2007), Sandra Suarez (PhD 2007), Stephanie Spehar (PhD 2006),

Paul Telfer (PhD 2005), Jessica Manser (PhD 2005), Chris Robinson (PhD 2004), Monica Uddin (PhD 2003), Kimberly Williams (PhD 2003), Wendy Dirks (PhD 2001), John Krigbaum (PhD 2001), Tamsin Woolley-Barker (PhD 1999), Rebecca Dudzik (PhD 1999), Lisa Schlotterhausen (PhD 1999), Joan Garey (PhD 1998), Tim Newman (PhD 1997), Anita Steinhart (PhD 1997), Sue Ochoa (PhD 1994), Sally Lahm (PhD 1993), Deborah Swartz (PhD 1993), Tsirha Adefris (PhD 1992), Rebecca Araya, Eric Baker, Holly Hemmalin, Avelin Malyango, Elizabeth Ramsey, Leahanne Sarlo, Catherine White

Biology and Chemistry

Yael Wyner (PhD 2000), Jieyi Lin (PhD 1999), Rong Qi (PhD 1999), Zhongwu Lai (PhD 1999), Kuei-chiu Chen (PhD 1999), Xinghua Hu (PhD 1997), Junping Jing (PhD 1997), Jacob Cohen (PhD 1996), Xung Meng (PhD 1995), Tania Del Rio

CUNY, Columbia University, SUNY Stony Brook, Departments of Anthropology and Biology

Mary Blair (PhD 2011), Jessica Brikworth (PhD 2011), Nelson Ting (PhD 2008), Jeffery Hatcher (PhD 2007), Jessica Satkowski (PhD 2005), Richard Bergl (PhD 2005), Ximena Valderama (PhD 2003), Bea Perez (PhD 2001), M Katherine Gonder (PhD 1999), Badrul Munir (PhD 2000), Lisa Rosenblum (PhD 1996), Paul Vrana (PhD 1994), Eileen Larney

Graduate Advisors

Maryellen Ruvolo, Harvard University

David Pilbeam, Harvard University

Rodney Honeycutt, Pepperdine University