

CONNIE J. MULLIGAN

Address: Department of Anthropology
409 Genetics Institute, Cancer/Genetics Research Complex
2033 Mowry Rd, PO Box 103610
University of Florida
Gainesville, FL 32610-3610

Telephone: (352) 273-8092 (office), (352) 273-8091 (lab), (352) 273-8284 (fax)

E-mail: cmulligan@ufl.edu

POSITIONS HELD

2012 - present Co-graduate coordinator, UF Genetics & Genomics Graduate Program
2011 – present Associate Chair, Department of Anthropology
2010 – present Professor, Department of Anthropology
2008 - present Affiliate Professor, Center for African Studies, University of Florida
2005 - 2010 Associate Professor, Department of Anthropology, University of Florida
2003 - present Associate Director, University of Florida Genetics Institute
1999 - 2005 Assistant Professor, Department of Anthropology, University of Florida
1998 - 2000 National Research Council Senior Research Associate, NIAAA, NIH
1995 - 1998 Research Biologist, Smithsonian Center for Materials Research and Education
1991 - 1995 Postdoctoral Fellow, Smithsonian Tropical Research Institute, Republic of Panamá
1990 - 1991 Postdoctoral Fellow, Molecular Biophysics and Biochemistry, Yale University

EDUCATION

1990 Ph.D., Molecular Biophysics and Biochemistry, Prof. Dieter Söll, Yale University
1985 M.Phil., Molecular Biophysics and Biochemistry, Yale University
1983 B.S., Honors Biology and Chemistry, University of Illinois, Champaign-Urbana

GRANTS

2015 NSF BCS-1540372, “Doctoral Dissertation Research: Effect of intrauterine environment on newborn telomere length”, \$18,809, 8/15/15-7/31/16, PI, (student co-PI – Peter Rej)

2014 NSF BCS-1448213, “US/UK joint workshop on social and behavioral epigenetics”, \$48,940, 6/15/14-5/31/15 (PI)

2013 NSF BCS-1258965, “Doctoral dissertation research: Testing for archaic hominid introgression in Eritrean and Yemeni modern human genomes”, \$26,135, 2/1/13-1/31/15, PI (student co-PI – Deven Vyas)

2012 NSF BCS-1231264, “Epigenetic alterations and stress among new mothers and neonates in the Democratic Republic of Congo: A biocultural investigation of the intergenerational effects of war”, \$353,328, 8/1/12-7/31/14 (PI)

2008 NSF BCS-0820687, “Genetics ancestry, race and health disparities: A biocultural approach”, \$391,586, 7/15/08-7/14/13 (PI)

2005 NSF BCS-0518530, “Human dispersals out of Africa: Mitochondrial and Y chromosomal genetic analysis of Eritrean and Omani populations”, \$311,708 + Supplement - \$2,813 (2006) + REU supplement - \$8,000 (2007), 7/29/05-7/28/08, (PI)

2005 NSF, “Domestication of the donkey: Aridity, mobility, and the development of the African pastoral societies”, PI-Dr. Fiona Marshall, Washington University, St. Louis, MO, \$32,000 (2005/2006) + \$5,600 (2006) + \$7,500 (2007), 1/1/05-12/31/07 (contract)

2002 NSF BCS-0129721, "Acquisition of an automated DNA analysis system", \$42,000 with

- 2001 matching funds from the College of Liberal Arts and Sciences, 2/1/02 (PI)
 NIH R03 AA12906, "Genotype:phenotype associations in alcoholism and alcohol-related disorders", \$144,500, 5/11/01-5/31/03 (PI)
- 2001 NIH Training Grant AA07561-09, "Training in alcohol and neurodegenerative disease", \$191,391, 7/1/93-6/30/03 (1 of 15 preceptors)

AWARDS

- 2016 UF Postdoctoral Mentoring Award
- 2013-2016 University of Florida Foundation Research Professor
- 2013 University of Florida Honors Professor of the Year
- 2012-2013 Elizabeth Wood Dunlevie Honors Term Professor
- 2010 HHMI Science for Life Distinguished Mentor Award
- 2007-2008 Colonel Allan R. and Margaret G. Crow Term Professor

PUBLICATIONS

1. **Mulligan CJ**, Early environments, stress, and the epigenetics of human health, *Annual Review Anthro*, in press.
2. deFrance S, Kimura BK, LeFebvre MJ, Knodel HI, Turner MS, Fitzsimmons NS, Fitzpatrick MS, **Mulligan CJ**. Origin of pre-Columbian guinea pigs from Caribbean archaeological sites revealed through genetic analysis, *J Arch Sci*, in press.
3. **Mulligan CJ**. 2015. Social and behavioral epigenetics. *American Anthropologist*, 117:858-859.
4. **Mulligan C**. 2015. "Biological and cultural influences on disease", in Rosenberg N and Nielsen R (eds), *Human Population Genetics II*, The Biomedical & Life Sciences Collection, Henry Stewart Talks Ltd, London (online at <http://hstalks.com/?t=BL1963922-Mulligan>).
5. Černý V, Čížková M, Poloni ES, Al-Meerri A, **Mulligan CJ**, 2015. Comprehensive view of the population history of Arabia as inferred by mtDNA variation, *Am J Phys Anthropol*, doi: 10.1002/ajpa.22920.
6. Vyas D, Kitchen A, Miró-Herrans AT, Pearson L, Al-Meerri A, **Mulligan CJ**, 2016. Bayesian analyses of Yemeni mitochondrial genomes suggest multiple migration events with Africa and Eurasia, *Am J Phys Anthropol*, 159:382-393.
7. Boulter AC, Quinlan JA, Miró-Herrans AT, Pearson L, Todd NL, Gravlee CC, **Mulligan CJ**. Interaction of *Alu* polymorphisms and novel measures of discrimination in association with blood pressure in African Americans living in Tallahassee, *Hum Biol* in press.
8. Carter TE, Malloy H, Existe A, Memnon G, St. Victor Y, Okech VA, **Mulligan CJ**. 2015. Genetic diversity of *Plasmodium falciparum* in Haiti: Insights from microsatellite markers, *PLoS ONE*, 10(10):e0140416.
9. Wang K, McFarland KN, Liu J, Zeng D, Landrian I, Xia YH, Jin M, **Mulligan CJ**, Gu W, Ashizawa T, Spinocerebellar ataxia type 10 (SCA10) in Chinese Han, *Neurology: Genetics*, in press.
10. Kertes DA, Kamin HS, Hughes DA, Rodney NC, **Mulligan CJ**. 2015. Prenatal maternal stress predicts methylation of genes regulating the hypothalamic-pituitary-adrenocortical system in mothers and newborns, *Child Development*, special issue on "Epigenetics in Child and Adolescent Development", 87:61-72.
11. Boncy PJ, Adrien P, Lemoine JF, Existe A, Henry PJ, Raccurt C, Basseur P, Fenelon N, Dame JB, Okech BA, Kaljee L, Baxa D, El Badry MA, Tagliamonte MS, **Mulligan CJ**, Carter TE, de Rochars VNB, Lutz C, Parke DM, Zervos MJ. 2015. Malaria elimination in Haiti by the year 2020: An achievable goal? *Malaria J*, 14:237.

12. Carter TE, Boulter A, Existe A, Romain JR, St Victor JY, **Mulligan CJ**, Okech BA. 2015. Artemisinin resistance-associated polymorphisms at the K13-propeller locus are absent in *Plasmodium falciparum* isolates from Haiti, *Am J Trop Med Hygiene*, 92(3): 552-554.
13. Rodney NC and **Mulligan CJ**. 2014. A biocultural study of the effects of maternal stress on mother and newborn health in the Democratic Republic of Congo, *Amer J Phys Anthropol*, 155(2):200-209.
14. Miró-Herrans AT, Al-Meerri A, **Mulligan CJ**. 2014. Human migration patterns in Yemen and implications for reconstructing prehistoric population movements. *PLoS ONE*, 9(4): e95712.
15. Hodgson JA, **Mulligan CJ**, Al-Meerri A, Raaum R. 2014. Early back-to-Africa migration into the Horn of Africa, *PLoS Genetics*, 10(6):e1004393.
16. Carter TE, Maloy H, von Fricken M, St. Victor Y, Romain JR, Okech BA, **Mulligan CJ**. 2014. Glucose-6-phosphate dehydrogenase deficiency A- variant in febrile patients in Haiti, *Am J Trop Med Hygiene*, 91(2):412-4.
17. Carter TE, von Fricken M, Romain JR, Memnon G, St Victor Y, Schick L, Okech BA, **Mulligan CJ**. 2014. Detection of sickle cell hemoglobin by genotyping and hemoglobin solubility tests in Haiti, *Am J Trop Med Hygiene*, 91(2):406-11.
18. **Mulligan CJ**, Kitchen A. 2013. Three stage colonization model for peopling of the Americas. *Paleoamerican Odyssey*, eds Graf KE, Ketron CV, Waters M, Center for the Study of the First Americans, Texas A&M University Press, pp 171-182.
19. Kimura B, Marshall F, Beja-Pereira A, and **Mulligan C**. 2013. Donkey domestication. *African Archaeological Review*, 30(1):83-95, DOI 10.1007/s10437-012-9126-8 (one of our figures appeared on the cover of the journal).
20. Raaum RL, Al-Meerri A, **Mulligan CJ**. 2013. Culture modifies expectations of kinship and sex-biased dispersal patterns: A case study of patrilineality and patrilocality in tribal Yemen. *Am J Phys Anthropol*, 150(4):526-538.
21. Miró-Herrans AT, **Mulligan CJ**. 2013. Human demographic processes and genetic variation as revealed by mtDNA simulations, *Mol Biol Evol*, 30(2):244-252.
22. Bushara K, Bower M, Liu J, McFarland KN, Landrian I, Hutter D, Teive H, Rasmussen A, **Mulligan CJ**, Ashizawa T. 2013. Expansion of the spinocerebellar ataxia type 10 (SCA10) repeat in a patient with Sioux Native American ancestry, *PLoS ONE*, 8(11):e81342.
23. **Mulligan CJ**, D'Errico NS, Stees J, Hughes DA. 2012. Methylation changes at *NR3C1* in newborns associate with maternal prenatal stress exposure and newborn birthweight, *Epigenetics*, 7:853-857, doi: 10.4161/epi.21180.
24. Carter T, Warner M, **Mulligan CJ**, Existe A, Yves Saint Victor J, Memnon G, Boncy J, Oscar R, Fukuda M, Okech BA. 2012. Evaluation of dihydrofolate reductase and dihydropteroate synthetase genotypes that confer resistance to sulfadoxine-pyrimethamine in *Plasmodium falciparum* in Haiti, *Malaria J*, 11:275.
25. Al-Abri A, Podgorná E, Rose J, Pereira L, **Mulligan CJ**, Silva NM, Bayoumi R, Soares P, Černý V. 2012. Pleistocene - Holocene boundary in southern Arabia from the perspective of human mtDNA variation, *Am J Phys Anthropol*, 149(2):291-298, doi: 10.1002/ajpa.22131.
26. Non AL, Gravlee CC, **Mulligan CJ**. 2012. Education, genetic ancestry, and blood pressure in African Americans and Whites, *Am J Pub Health*, 102(8):1559-65.
27. Al-Meerri A, Non, AL, LaJoie TW, **Mulligan CJ**. 2011. Effect of different sampling strategies for a single geographic region in Yemen on standard genetic analyses of mitochondrial DNA sequence data, *Mitochondrial DNA*, 22(3):66-70.
28. Gray RR, Salemi M, Lowe A, Nakamura KJ, Decker WD, Sinkala M, Kankasa C, **Mulligan CJ**, Thea D, Kuhn L, Aldrovandi G, Goodenow MM. 2011. Multiple independent lineages of HIV-1 persist in breast milk and plasma, *AIDS*, 25(2):143-52

29. Liu J, Zhou Z, Hodgkinson CA, Yuan Q, Shen PH, Wang A, Virkkunen M, **Mulligan CJ**, Gray RR, Roy A, Goldman D, Enoch M-A. 2011. Haplotype-Based Study of the Association of Alcohol Metabolizing Genes with Alcohol Dependence in Four Independent Populations, *Alcohol: Clin Exp Res*, 35(2):304-16
30. Kimura B, Marshall FB, Chen S, Rosenbom S, Moehlman PD, Tuross N, Sabin RC, Peters J, Barich B, Yohannes H, Kebede F, Teclai R, Beja-Pereira A, **Mulligan CJ**. 2011. Ancient DNA from NGray ubian and Somali wild ass provides insights into donkey ancestry and domestication, *Proceedings Proc R Soc B*, 278(1702):50-7
31. Cerný V, **Mulligan CJ**, Fernandes V, Silva NM, Alshamali F, Non A, Harich N, Cherni L, El Gaaied AB, Al-Meerri A, Pereira L. 2011. Internal diversification of mitochondrial haplogroup R0a reveals post-Last Glacial Maximum demographic expansions in South Arabia, *Mol Biol Evol*, 28:71-78
32. Destro-Bisol G, Jobling MA, Rocha J, Novembre J, Richards MB, **Mulligan C**, Batini C, Manni F. 2010. Molecular Anthropology in the Genomic Era. *Journal of Anthropological Sciences*, 88:93-112.
33. Non AL, Al-Meerri A, Raaum RL, Sanchez LF, **Mulligan CJ**. 2011. Mitochondrial DNA reveals distinct evolutionary histories for Jewish populations in Yemen and Ethiopia, *Am J Phys Anthropol*, 144(1):1-10.
34. Raaum RL, Wang AB, Al-Meerri AM, **Mulligan CJ**. 2010. Efficient population assignment and outlier detection in human populations using biallelic markers chosen by principal component-based rankings, *Biotechniques*, 2010 Jun;48(6):449-54
35. Non AL, Gravlee CC, **Mulligan CJ**. 2010. Questioning the importance of genetic ancestry as a contributor to preterm delivery and related traits in African American women, *Am J Obstet Gynecol*, 202(6):e12.
36. Gravlee CC, **Mulligan CJ**. 2010. Re: Racial disparities in cancer survival among randomized clinical trials of the southwest oncology group, *J Natl Cancer Inst*, 102:280.
37. Gravlee CC, Non AL, **Mulligan CJ**. 2009. Genetic ancestry, social classification, and racial inequalities in blood pressure in Southeastern Puerto Rico, *PLoS ONE*, 4(9):e6821.
38. Bhaskar LV, Thangaraj K, **Mulligan CJ**, Wasnik S, Nandan A, Sharma VK, Sharma V, Reddy AG, Singh L, Rao VR. 2009. Dopamine transporter (DAT1) VNTR polymorphism in 12 Indian populations, *Neurol Sci*, 30(6):487-93.
39. Kitchen A, Ehret D, Assefa S, **Mulligan CJ**. 2009. Bayesian phylogenetic analysis of Semitic languages identifies an Early Bronze Age origin of Semitic in the Near East, *Proc R Soc B* 276:2703-10
40. Cerný V, Fernandes V, Costa MD, Hajek M, **Mulligan CJ**, Pereira L. 2009. Migration of Chadic speaking pastoralists within Africa based on population structure of Chad Basin and phylogeography of mitochondrial L3f haplogroup, *BMC Evol Biol* , 9(1):63
41. Cerný V, Pereira L, Kujanová M, Vasiková A, Hájek M, Morris M, **Mulligan CJ**. 2009. Out of Arabia: The settlement of Island Socotra as revealed by mitochondrial and Y chromosome genetic diversity. *Am J Phys Anthropol*, 138:439-447.
42. **Mulligan CJ**, Kitchen A, Miyamoto MM. 2008. Updated three-stage model for the peopling of the Americas, *PLoS ONE*, 3(9):e3199.
43. Ascunce MS, González-Oliver A, **Mulligan CJ**. 2008. Y chromosome variability in four Native American populations from Panamá, *Hum Biol*, 80:287-302.
44. Cerný V, **Mulligan CJ**, Rídl J, Zaloudková M, Edens CM, Hájek M, Pereira L. 2008. Regional differences in the distribution of the sub-Saharan, West Eurasian, and South Asian mtDNA lineages in Yemen, *Am J Phys Anthropol*, 136:128-137.

45. Kitchen D, Miyamoto MM, **Mulligan CJ**. 2008. A three-stage colonization model for the peopling of the Americas, *PLoS ONE*, 3(2):e1596.
46. Kitchen A, Miyamoto MM, **Mulligan CJ**. 2008. Utility of DNA viruses for studying human host history: Case study of JC virus, *Mol Phylogenet Evol*, 46:673-682.
47. **Mulligan CJ**, Norris SJ, Lukehart SA. 2008. Molecular studies in *Treponema pallidum* evolution: Toward clarity? *PLoS Neg Trop Dis*, 2(1):e184.
48. Bhaskar LVKS, Thangaraj K, **Mulligan CJ**, Papa Rao A, Shah AM, Sabeera B, Reddy AG, Singh L, Rao VR. 2008. Allelic variation and haplotype structure of the dopamine receptor gene DRD2 in 9 Indian populations, *Genet Testing*, 12: 153-160.
49. Tamm E, Kivisild T, Reidla M, Metspalu M, Smith DG, **Mulligan CJ**, et al. 2007. Beringian Standstill and Spread of Native American Founders, *PLoS ONE*, Sept 5:2(9):e829.
50. Non AL, Kitchen A, **Mulligan CJ**. 2007. Identification of the most informative regions of the mitochondrial genome for phylogenetic and coalescent analyses, *Mol Phylogenet Evol*, 44:1164-1171.
51. Bhaskar LVKS, Thangaraj K, Shah AM, Pardhasaradhi G, Kumar KP, Reddy AG, Rao AP, **Mulligan CJ**, Singh L and Rao VR. 2007. Allelic variation at the NPY gene in 14 Indian populations, *J Hum Genet*, 52: 592-598.
52. Clarimon J, Gray RR, Williams LN, Enoch MA, Robin RW, Albaugh B, Singleton A, Goldman D, **Mulligan CJ**. 2007. Linkage disequilibrium and association analysis of alpha synuclein (*SNCA*) and alcohol and drug dependence in two American Indian populations, *Alcohol: Clin Exp Res*, 31:546-554.
53. Ascunce MS, Hasson E, Zunino G, **Mulligan CJ**, Mudry MD. 2007. Mitochondrial sequence diversity of the southernmost extant New World monkey, *A caraya*, *Mol Phylogenet Evol*, 43:202-215.
54. Ascunce MS, Kitchen A, Schmidt PR, Miyamoto MM, **Mulligan CJ**. 2007. Unusual pattern of ancient DNA mitochondrial DNA haplogroups in northern African cattle, *Zoo Studies*, 46:123-125.
55. **Mulligan CJ**, Kitchen A, Miyamoto MM. 2006. Comment on "Population size does not influence mitochondrial genetic diversity in animals", *Science*, 314:1390.
56. Gray RR, **Mulligan CJ**, Molini BJ, Sun ES, Giacani L, Godornes C, Kitchen A, Lukehart SA, Centurion-Lara A. 2006. Molecular evolution of the *tpnC*, *D*, *I*, *K*, *G*, and *J* genes in the pathogenic genus *Treponema*, *Mol Biol Evol*, 23(11): 2220-2233.
57. Tarskaia L, Gray RR, Burkley B, **Mulligan CJ**. 2006. Genetic variation at the mitochondrial DNA 9-bp repeat locus in the Sakha of Siberia, *Hum Biol*, 78:179-198.
58. **Mulligan CJ**. 2006. Anthropological applications of ancient DNA: Problems and prospects, *Am Antiq*, 71:365-380.
59. **Mulligan CJ**. 2005. Isolation and analysis of DNA from archaeological, clinical, and natural history specimens, in: *Methods in Enzymology*, Molecular Evolution: Producing the Biochemical Data, Part B (Zimmer EA and Roalson E, eds), 395:87-103.
60. **Mulligan CJ**, Hunley K, Cone S, Long JC. 2004. Population genetics, history, and health patterns in Native Americans, *Annual Rev Genomics Hum Genet*, 5(1): 295-315.
61. **Mulligan CJ**, Robin RW, Osier MV, Sambughin N, Goldfarb LG, Kittles RA, Diane Hesselbrock, Goldman D, Long JC. 2003. Allelic variation at alcohol metabolism genes (*ADH1B*, *ADH1C*, *ALDH2*) and alcohol dependence in an American Indian population, *Hum Genet*, 113:325-336.
62. Sun, G, McGarvey ST, Bayoumi R, **Mulligan CJ**, Barrantes R, Raskin S, Zhong Y, Akey J, Chakraborty R, Deka R. 2003. Global genetic variation at nine short tandem repeat loci and implications on forensic genetics, *Euro J Hum Genet*, 11:39-49.
63. **Kolman CJ**, Tuross N. 2000. Ancient DNA analysis of human populations, *Am J Phys Anthropol*,

111: 5-23.

64. **Kolman CJ**, Centurion-Lara A, Lukehart SA, Owsley D, Tuross N. 2000. Identification of *Treponema pallidum* subsp. *pallidum* in a 200-year-old skeletal specimen, *J Infect Dis*, 180: 2060-2063.
65. **Kolman CJ**. 1999. Molecular anthropology: Progress and perspectives on ancient DNA technology, in: *Genomic Diversity: Applications in Human Population Genetics*, eds. Papiha SS and Deka R., Plenum Publishing, New York, pp. 183-200.
66. Batista O, **Kolman CJ**, Arias TD, Guionneau-Sinclair F, Quiroz E, Bermingham E. 1998. Variación en el ADNmt de dos tribus amerindias chibchas, los ngöbé y cuna de Panamá, *Memorias del I Congreso Científico sobre Pueblos Indígenas de Costa Rica y sus Fronteras*, Universidad Estatal a Distancia, San José, Costa Rica, pp.15-35.
67. Iwanaga KK, Eberle M, **Kolman CJ**, Bermingham E, Watkins DI. 1997. Further diversification of the *HLA-B* locus in Central American Amerindians: New *B*39* and *B*51* alleles in the Kuna of Panamá, *Tissue Antigens*, 50: 251-257.
68. **Kolman CJ**, Bermingham E. 1997. Mitochondrial and nuclear DNA diversity in the Chocó and Chibcha Amerinds of Panamá, *Genetics*, 147: 1289-1302.
69. **Kolman CJ**, Sambuughin N, Bermingham E. 1996. Mitochondrial DNA analysis of Mongolian populations and implications for the origin of New World founders, *Genetics*, 142: 1321-1334.
70. Batista O, **Kolman CJ**, Bermingham E. 1995. Mitochondrial DNA diversity in the Kuna Amerinds of Panamá, *Hum Mol Genet*, 4: 921-929.
71. **Kolman CJ**, Bermingham E, Cooke R, Ward RH, Arias T, Guionneau-Sinclair F. 1995. Reduced mtDNA diversity in the Ngöbé Amerinds of Panamá, *Genetics*, 140:275-283.
72. **Kolman C**, Söll D. 1993. *SPL1-1*, a *Saccharomyces cerevisiae* mutant affecting tRNA splicing, *J Bacteriol*, 175: 1433-1442.
73. **Kolman CJ**, Toth J, Gonda D. 1992. Identification of a portable determinant of cell cycle function within the carboxyl-terminal domain of the yeast CDC34 (UBC3) ubiquitin conjugating (E2) enzyme, *EMBO*, 11: 3081-3090.
74. Kolman JL, **Kolman CJ**, Miller G. 1992. Marked variation in the size of genomic plasmids among members of a family of related Epstein-Barr viruses, *Proc Nat Acad Sci USA*, 89: 7772-7776.
75. **Kolman CJ**, Snyder M, Söll D. 1988. Genomic organization of tRNA and aminoacyl-tRNA synthetase genes for two amino acids in *Saccharomyces cerevisiae*, *Genomics*, 3: 201-206.
76. Ollis D, **Kline CJ**, Steitz TA. 1985. Domain of *Escherichia coli* DNA polymerase showing sequence homology to T7 DNA polymerase, *Nature*, 313: 818-819.

REPORTS

- **Mulligan CJ**. 2014. Response to “Genomics: HeLa genome versus donor’s genome”, *Nature*, posted online as a comment - <http://www.nature.com/nature/journal/v501/n7466/full/501167d.html>
- Tuross N and **Kolman CJ**. 2000. Potential for DNA testing of the human remains from Columbia Park, Kennewick, Washington, Report to the Departments of Justice and Interior, http://www.cr.nps.gov/aad/kennewick/tuross_kolman.htm.

PROFESSIONAL ACTIVITIES

Service to the department (past five years)

- 1) Associate chair, 2011-present
- 2) Search committees for departmental chair, 2011-2012, 2010-2011 (Chair)
- 3) Development committee and Newsletter, 2011-present
- 4) Graduate education committee, 2011-2012

Service to the college and university (past five years)

- 1) Co-graduate coordinator, UF Genetics & Genomics Graduate Program, 2012-present
- 2) Member, UF internal ROF review committee, 2014
- 3) Search committee for Director for UF Genetics Institute, 2011-2012
- 4) Member, HHMI Science for Life Distinguished Mentor award panel, 2012
- 5) Mentor, University Minority Mentor Program, 2011-2012
- 6) UF Internal IGERT review committee, 2011
- 7) Mentor, Women's Mentoring Program, 2010-2014
- 8) Associate Director, UF Genetics Institute, 2003-present
- 9) UF Genetics Institute Executive Committee, 2001-present
- 10) Chair, CLAS Genetics Institute Committee, 2001-present
- 11) Co-chair, Organizing committee, Florida Genetics conference, 2009-2012

Service to the profession (past five years)

- 1) Organizer of two social and behavioral epigenetics statistics workshops for US, UK, and Canadian participants, University of Florida, July 29-31, 2015 and Washington DC, July 29-30, 2014
- 2) Chair, Academic Organizing Committee, NSF/NIH/RCUK Interagency Epigenetics Workshop Advisory Board, March, 2014 - present
- 3) Discussant at the annual American Association of Anthropological Genetics (AAAG) symposium on "Rethinking racial health disparities: The genetic anthropologist's contribution for debates over health inequalities" at the annual meeting of the American Association of Physical Anthropologists, March 28, 2015
- 4) Associate Editor, *Molecular Biology and Evolution*, 2015
- 5) Editorial board, *PaleoAmerica*, 2014-present
- 6) Associate Editor, *American Journal of Physical Anthropology*, 2010 - 2014
- 7) Member, AJPA Publications Committee, 2015-present
- 8) Panelist and mentor in the Committee on Diversity Women's Initiative Professional Development Workshop at the annual meeting of the American Association of Physical Anthropologists, March 25, 2015
- 9) *Ad hoc* member, NSF Industry-University Cooperative Research Centers Program review panel on Forensics – Nov 2014; May 2015
- 10) *Ad hoc* member, NIH Genetic Variation and Evolution Study Section - June 2013, Feb 2014
- 11) Executive Committee, American Association of Anthropological Genetics, 2010-2013
- 12) Nominating Committee, American Association of Physical Anthropology, 2011-2012
- 13) *Ad hoc* reviewer for *American Journal of Human Biology* (3), *American Journal of Human Genetics* (2), *American Journal of Physical Anthropology* (1), *BMC Genetics* (1), *Epigenetics* (6), *Human Biology* (6), *Mitochondrial DNA* (2), *Molecular Biology and Evolution* (1), *PLoS Genetics* (2), *PLoS ONE* (2), *Proceedings of the National Academy of Sciences* (direct submission editor – 2), *Science* (1), *Stress* (3)

PROFESSIONAL and PUBLIC RECOGNITION (past five years)

- 1) Interviewed and quoted in science publications over the past several years including *Science* (Oct 26, 2015; July 21, 2015; June 19, 2015; Oct 25, 2013; Sept 23, 2011), *National Geographic Daily News* (July 21, 2015; June 19, 2015; Feb 27, 2014; Feb, 2012), *Science Now* (Feb 12, 2014), *Science News* (Feb 12, 2014; Oct 25, 2013; Dec 5, 2011), *Materia* (July 11, 2012)
- 2) The Smithsonian Institution's National Museum of the American Indian requested permission to use a figure from our 2008 *PLoS ONE* paper on peopling of the New World for an educational exhibit they are developing on Native American contributions to science and innovation.
- 3) Three videos were created to describe my research and my career by UF's Department of Agricultural Education and Communication for the Florida Museum of Natural History's new video project entitled "Explore Research at the University of Florida". These videos were shown on the new "video wall" exhibit at the museum through Fall, 2013. Two of the videos were posted to NSF's Science 360 website – <http://science360.gov/series/explore/4ce2de9c-b2cb-4b88-ba69-eeeb267433b>
- 4) An article appeared in the *Chronicle for Higher Education* on collaborative research between Dr. Lance Gravlee and myself, Sept 12, 2010 – The Pressure of Race
- 5) My 2008 PLoS ONE article on peopling of the New World is mentioned in the book, Every Living Thing: Man's Obsessive Quest to Catalog Life, from Nanobacteria to New Monkeys, by Rob Dunn, 2010, a popular press book on the history of human discovery.
- 6) A photo of my laboratory group is being used in an online exhibit entitled "Understanding Science" by the University of California Berkeley Museum of Paleontology (http://undsci.berkeley.edu/article/0_0_0/professional). Our photo was chosen to represent anthropology as a discipline ("Want to be a professional scientist?") and also because it shows people at a variety of stages in their education, from a diversity of cultures, and in a laboratory setting.
- 7) Three videos of my research in Yemen were created by an IFAS program called Scientific Thinking and Educational Partnership (STEP; intended to excite lay people about science as opposed to educating them about one particular project) and posted on youtube. The video entitled "The Eyes Have It" (about women wearing the abaya in Yemen) has been viewed over 117,000 times as of March, 2016.