

**CURRICULUM VITAE**

October, 2017

**Trudy R. Turner**

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**EDUCATION:**

1981-1982 Postdoctoral Scholar, Department of Human Genetics, University  
 of Michigan Medical School

1973-1977 Graduate School of Arts and Science, New York University - Ph.D.  
 (Anthropology), 1977, dissertation title: "Biological Variation in Vervet  
 Monkeys (*Cercopithecus aethiops*)"

1970-1973 Graduate School of Arts and Science, New York University - M.A.  
 (Anthropology), 1973, Thesis title: "A Functional Analysis of the  
 Musculature of the Forelimb of Three Prosimian Species"

1967-1970 Northwestern University - B.A. (Anthropology), 1970

RESEARCH INTERESTS: Molecular anthropology and evolution; genetic and genomic variation in non-human primates; primate life history; growth and development in primates; vervet monkeys; human – non-human primate interface; conservation of primates; biological anthropology and ethics; women in science.

**EMPLOYMENT:**

2008- Secretary of the University, University of Wisconsin-Milwaukee

2005-2006 Program Director, Physical Anthropology Program, National Science Foundation

2001-2003 Lecturer, Primatology Module, Department of Anatomy, University of  
 Witswatersrand

1998- Professor, Department of Anthropology, University of Wisconsin-Milwaukee

1996-2000 Chair, Department of Anthropology, University of Wisconsin-Milwaukee

1987-1998 Associate Professor of Anthropology, University of Wisconsin-Milwaukee

- 1978-1979 Field Director, Biogenetic Survey of Kenya Vervets - Obtained samples from 400 vervets at four sites in Kenya
- 1977-1987 Assistant Professor of Anthropology, University of Wisconsin-Milwaukee (on leave: September, 1978 - September, 1979; January 1981-January 1983; September, 1985 - January, 1986)
- 1976 Lecturer, Anthropology, State University of New York at Purchase
- 1975 Lecturer, Anthropology, John Jay College, City University of New York
- 1974-1975 Lecturer, Anthropology, Lehman College, City University of New York

#### OTHER APPOINTMENTS:

- 2012-2018 Editor, Yearbook of Physical Anthropology, American Association of Physical Anthropology
- 2010- Affiliated Professor, Department of Genetics, University of the Free State, South Africa
- 2002-2008 Fellow, Mammal Research Institute, Department of Zoology and Entomology, University of Pretoria, Pretoria, South Africa
- 1998-1999 Interim Coordinator, Faculty Mentoring Program, University of Wisconsin-Milwaukee
- 1988-1989 Consultant - Genetic Counseling for women considering amniocentesis and chorionic villus sampling. Prentice Women's Hospital, Northwestern University, Chicago, Illinois
- 1978-1981 Honorary Research Scientist, Laboratory of Physical Anthropology, University College, London - Participated in laboratory analysis of primate samples

#### FELLOWSHIPS AND GRANTS:

- 2009-2011 National Institutes of Health, "Integrated Genetics and Genomics of a Model System" Supplement, Subcontract, N. Freimer, UCLA, PI (\$200,000 to UWM, total \$2M)
- 2009-2011 National Institutes of Health. "Integrated Genetics and Genomics of a Model System" Subcontract, N. Freimer, UCLA, PI (\$100,000 to UWM, total \$1M)
- 2002 Fulbright Visiting Professorship, Mammal Research Institute, Department of Zoology and Entomology, University of Pretoria, South Africa

- 2001-2003 National Science Foundation. "A Life History Analysis of Vervet Monkeys in Kenya" Co-principal investigator with Patricia Whitten, Emory University. (\$89,000)
- 1998-1999 National Science Foundation. Workshop: Anthropology, Genetic Diversity and Ethics (\$29,000)
- 1994-1995 University of Wisconsin-Milwaukee Graduate School Research Committee Award, "Paternity Analysis of *Lepilemur mustelinus* using DNA from hair. (\$7119)
- 1989-1991 National Science Foundation Grant, "Paternity Assessment in Non-Human Primate Populations" (Co-principal Investigator with M.L. Weiss) Grant No. BNS-8818405 (\$100,000)
- 1993-1995
- 1990-1992 National Science Foundation Grant "Male Migration in Yellow Baboons (*Papio cynocephalus*)" Co-investigator with E.O. Smith, Emory University (\$200,000)
- 1984 University of Wisconsin-Milwaukee Graduate School Research Committee Award, "Restriction Fragment Length Polymorphism in Non-Human Primate DNA (\$5000)
- 1981-1982 Postdoctoral Scholar, National Institutes of Health, Department of Human Genetics, University of Michigan Medical School - Awarded for additional training and updating in techniques in molecular genetics (\$36,000)
- 1981 National Science Foundation Doctoral Dissertation Improvement Grant for C.S. Mott, University of Wisconsin-Milwaukee "Genetic Variation in Four Subspecies of *Cercopithecus mitis* in Kenya," Grant No. BNS-8104435 (\$1500)
- 1979-1980 Biomedical Research Support Grant (BRSB), University of Wisconsin-Milwaukee, "Genetic Markers in Nonhuman primates: Applications as Medical Models" (\$5000)
- 1978-1980 National Science Foundation Grant, "Biogenetic Survey of Kenya Vervets" (Co-principal Investigator with C.J. Jolly), Grant No. BN770-3322 (\$50,000)
- 1974-1975 National Science Foundation Grant for Doctoral Dissertation Research, Supervised by C.J. Jolly) Biological Variation in Ethiopian Vervet Monkeys, Grant No. SOC74-24166 (\$4000)

#### AWARDS AND HONORS

- 2014 Gabriel Lasker Lifetime Achievement Award for Outstanding Service to the American Association of Physical Anthropology and to the Discipline of Physical Anthropology, Awarded by the AAPA
- 1998 Martine Meyer Award for Excellence in Undergraduate Teaching, College of

## BOOKS

**Turner, T.R.** (ed): *Biological Anthropology and Ethics: From Repatriation to Genetic Identity*. Albany, NY, SUNY Press. 2005

**Turner, T.R.**, J.L. Danzy Cramer and CA Schmitt. *The Genus Chlorocebus*. Accepted, Cambridge University Press

## WEB PUBLICATION

Wasson, C, K Brondo, B LeMaster, **T Turner**, M Cudhea, K Moran, I Adams, A McCoy, M Ko, T Matsumoto, M Raviele. 2008 We've come a long way, maybe: Academic climate report of the committee on the Status of Women in Anthropology. American Anthropological Association <http://www.aaanet.org/resources/departments/upload/COSWA-Academic-Climate-Report-2008.pdf>

Grobler, P.J., M. Jacquier, H. DeNys, M. Blair, P.L. Whitten and **T.R. Turner**. Primate sanctuaries, taxonomy and survival: A case study from South Africa. *Ecological and Environmental Anthropology* 2(2). 2006 [http://www.uga.edu/eea/02\\_2006/article07\\_02\\_2006.htm](http://www.uga.edu/eea/02_2006/article07_02_2006.htm)

**Turner, TR** NSF Proposals. *Physical Anthropology Newsletter* 6(3): 1. 2005 Available at: <http://www.physanth.org/newsletter/summer05.pdf>

American Anthropological Association 2002 El Dorado Task Force Papers. Available 2002 at <http://aaanet.org> One of the task force members and contributors

**Turner, T.R.** (ed.) Anthropology, Genetic Diversity and Ethics. Proceedings of a Workshop held at the University of Wisconsin-Milwaukee, February 12 and 13, 1999 Available 12/99 at <http://www.uwm.edu/Dept/20th/turner/turner.html>

**Turner, T. R.** Introduction to the Workshop. Proceedings, Anthropology, Genetic Diversity and Ethics. Available 12/99 at <http://www.uwm.edu/Dept/20th/turner/turner.html>

## EDITED JOURNALS

**Turner, TR** (ed.) Yearbook of Physical Anthropology Volume 162 (S63). 2017.

**Turner, TR** (ed.) Yearbook of Physical Anthropology Volume 159 (S61). 2016

**Turner, TR** (ed.) *Yearbook of Physical Anthropology*. Volume 156 (S59). 2015

**Turner, TR.** (ed.) *Yearbook of Physical Anthropology*. Volume 152 ( S 57). 2013

## ARTICLES PUBLISHED

**Turner, TR**, Bernstein, R, Taylor, A. Women in Biological Anthropology: A Life History Approach, Submitted, *Yearbook of Physical Anthropology*.

**Turner, TR**, Wagner, JK, Cabana, G. Ethics in Biological Anthropology. Submitted, *American Journal of Physical Anthropology*, Special Centennial Edition.

**Turner, TR**, CA Schmitt, JD Cramer, JG Lorenz, JP Grobler, CJ Jolly, NB Freimer. Morphological variation in the genus *Chlorocebus*. Submitted, *American Journal of Physical Anthropology*

Dore, KM, D Sewell, E Mattenet, **TR Turner**. GIS and GPS techniques in an ethnoprimate investigation of St. Kitts vervet monkey (*Chlorocebus aethiops sabaues*) crop-raiding behavior. In: Shaffer, C (ed) *GPS and GIS for Primatologists: A Practical Guide to Spatial Analysis*. Cambridge University Press. Accepted with minor revisions.

**Turner, TR**. Patricia Whitten. In: Trevathan, W (ed.) *International Encyclopedia of Biological Anthropology*. New York Wiley. In press.

**Turner, TR**. Pylogenetics. In: Trevathan, W (ed.) *International Encyclopedia of Biological Anthropology*. New York Wiley. In press.

Svardal, H, Jasinska, AJ, Apetrei, C, Coppola, G, Huang, Y, Schmitt, CA, Jacquelin, B, Ramensky, V, Muller-Trutwin, M, Antonio, M, Weinstock, G, Grobler, JP, Dewar, K, Wilson, RK, **Turner, TR**, Warren, W, Freimer, NB, Nordborg, M. Ancient hybridization and strong adaptation to viruses across African vervet monkey populations. In press, *Nature Genetics*.

**Turner, TR**. Preface. *Yearbook of Physical Anthropology* 162 (S63): 3. 2017.

**Turner, TR**. Savannah Primates. In Fuentes, A (ed.) *International Encyclopedia of Primatology*, New York, Wiley. 2017.

**Turner, TR**, Hill, R, Coetzer, WG, Patterson, L. A conservation assessment of *Chlorocebus pygerythrus*. In Child, MF, Roxburgh, L, Do Linh San, E, Raimondo, D, Daview-Mostert, HT (eds.). *The Red List of Mammals of South Africa, Swaziland and Lesotho*. South African National Biodiversity Institute and Endangered Wildlife Trust, South Africa. 2016.  
[https://www.ewt.org.za/Reddata/pdf/Primates\(4\)/2016%20Mammal%20Red%20List\\_Chlorocebus%20pygerythrus\\_LC.pdf](https://www.ewt.org.za/Reddata/pdf/Primates(4)/2016%20Mammal%20Red%20List_Chlorocebus%20pygerythrus_LC.pdf)

Senghore, M, Bayliss, S, Kwambana-Adams, B, Foster-Nyarko, F, Manneh, J, Dione, M, Badji, H, Ebruke, C, Doughty, E, Thorpe, H, Jasinska, A, Schmitt, C, Cramer, J, **Turner, T**, Weinstock, G, Freimer, N, Pallen, M, Feil, E, Antonio M. Whole-genome sequencing reveals transmission of *Staphylococcus aureus* from humans to green monkeys in The Gambia. *Applied and Environmental Microbiology*. doi: 10.1128/AEM.01496-16. 2016.

- Anton, S, H Taboada, E Middleton, Rainwater, C, A Taylor, **Turner, TR**, Turnquist, J, Weinstein, K .Morphological variation in *Homo erectus* and the origins of developmental plasticity. *Philosophical Transactions Royal Society B* 371: 20150236.<http://dx.doi.org/10.1098/rstb.2015.0236>. 2016
- Turner, TR**. Preface. *Yearbook of Physical Anthropology* 159 (Supplement 161): 3. 2016.
- Turner, TR**, J Danzy Cramer. A Nesbitt, JP Gray. .A comparison of adult body size between captive and wild vervet monkeys (*Chlorocebus aethiops*) on the island of St. Kitts. *Primates* 57 (2): 211-220. 2016.
- Turner, TR**, WG Coetzer, CA Schmitt, JG Lorenz, NB Freimer, JP Grobler. Localized population divergence of vervet monkeys (*Chlorocebus* spp) in South Africa: evidence from mtDNA. *American Journal of Physical Anthropology*, 159 (1): 17-30. 2016
- Amato, KR, CJ Yeoman, G Cerda, CA Schmitt, JD Cramer, ME Berg Miller, A Gomez, **TR Turner**, BA Wilson, RM Stumpf, KE Nelson, BA White, R Knight, SR Leigh. Variable responses of human and non-human primate gut microbiomes to a Western diet. *Microbiome* 3: 53. 2015
- Warren, WC, AJ Jasinska, R Garcia-Perez, H Svardal, C Tomlinson, M Rocchi, N Archidiacono, O Capozzi, P Minx, MJ Montague, K Kim, LW Hillier, M Graser, T Graves, J Hughes, N Tran, Y Huang, V Ramensky, N Juretic, J Wasserscheid, T Marques-Bonet, **TR Turner**, RW Wiseman, JJ Tuscher, JA Karl, JE Schmitsz, DH O'Connor, C Schmidt, JR Kaplan, MJ Jorgensen, M Nordberg, GWC Tomas, MW Hahn, BJ Raney, B Aken, J Schmitz, G Churakov, A Noll, R Stanyon, D Webb, F Thibaud-Nissen, K Dewar, G Weinstock, RW Wilson, NB Freimer. The genome of the vervet (*Chlorocebus aethiops sabaeus*). *Genome Research* 25: 1921-1933. 2015
- Fourie, NH, **TR Turner**, JL Brown, JD Pampush, JP Lorenz, RM Bernstein Variation in vervet (*Chlorocebus aethiops*) hair cortisol concentrations reflect ecological disturbance by humans. *Primates*. 56: 365-373. 2015
- Turner, TR** Preface. In TR Turner (ed) *Yearbook of Physical Anthropology* 156(S59): 1. 2015
- Rodriguez, RL, JL Danzy Cramer, CA Schmitt, TJ Gaetano, JP Grobler, NB Freimer, **TR Turner**. Adult age confounds estimates of static allometric slopes in a vertebrate. *Ethology, Ecology and Evolution* 27 (4): 412-421 2015  
[http://www.tandfonline.com/doi/abs/10.1080/03949370.2014.986767#.VSai-pPK9\\_A](http://www.tandfonline.com/doi/abs/10.1080/03949370.2014.986767#.VSai-pPK9_A)
- Turner, TR** The final field site. In G. Ice, D.Dafour, N. Stevens (eds) *Disasters in Field Research: Preparing for and Coping with Unexpected Events..* Rowman & Littlefield Publishers, Lanham, Maryland. 2015.
- Rodriguez, RL, JD Cramer, CA Schmitt, TJ Gaetano, JP Grobler, NB Freimer, **TR Turner** The static allometry of sexual and non-sexual traits in vervet monkeys. *Biological Journal of the Linnean Society* 114: 527-537. 2015.

- Loudon, JE, JP Grobler, M Sponheimer, K Moyer, JG Lorenz, **TR Turner** Using the stable carbon and nitrogen isotope compositions of vervet monkeys (*Chlorocebus pygerythrus*) to examine questions in ethnoprimateology *PLoS One* (7) e100758. 2014.
- Turner, TR** Large scale collections of biological materials and ethical first principles. *Curator: The Museum Journal* 57(2): 259-267. 2014
- Ma, D, AJ Jasinska, F Feyertag, V Wijewardana, J Kristoff, T He, K Raehtz, CA Schmitt, Y Jung, M Dione, M Antonio, R Tracy, **TR Turner**, DL Robertson, I Pandrea, NB Freimer, C Apetrei. Factors associated with SIV transmission in a natural African nonhuman primate host in the wild. *Journal of Virology* 88(10): 5687. 2014.
- Gaetano, T, JL Danzy, M Mtshali, N Theron, C Schmitt, JP Grobler, N Freimer, **TR Turner**. Mapping correlates of parasitism in wild South African Vervet Monkeys (*Chlorocebus aethiops*). *South African Journal of Wildlife Research*, 44(1): 56-70. 2014.
- Turner, TR** Preface In: TR Turner (ed) *Yearbook of Physical Anthropology* 152(S57): 1
- Jasinska, A, CA Schmitt, SK Service, RM Cantor, K Dewar, DJ Jentsch, JR Kaplan, **TR Turner**, WC Warren, GM Weinstock, RP Woods, NB Freimer. Systems biology of the vervet monkey. *ILAR Journal/Natl Res Council* 54:122-143. 2013.
- Danzy, JL, T Gaetano, JP Gray, JP Grobler, J Lorenz, N Freimer, C Schmitt, and **TR Turner**. Variation in scrotal color among widely distributed vervet monkey populations (*Chlorocebus aethiops pygerythrus* and *Ch. a. sabaesus*). *American Journal of Primatology*, 75:752-762. 2013.
- Danzy, JL, JP Grobler, N Freimer and **TR Turner**. Sunbathing: A Behavioral Response to Seasonal Climatic Change among South African Vervet Monkeys (*Chlorocebus aethiops*). *African Primates*, 7(2): 230-237. 2012  
<http://journals.sfu.ca/afrprims/index.php/AfricanPrimates/article/view/63/48>
- Ma, Dongzhu, Anna Jasinska, Jan Kristoff, J. Paul Grobler, **Trudy Turner**, Yoon Jung, Christopher Schmitt, Kevin Raehtz, Felix Feyertag, Natalie Martinez Sosa, Viskam Wijewardana, Donald S. Burke, David L. Robertson, Russell Tracy, Ivona Pandrea, Nelson Freimer, and Cristian Apetrei for The International Vervet Research Consortium. SIVagmVer Infection in Wild African Green Monkeys from South Africa: Epidemiology, Natural History and Evolutionary Considerations. *PLoS Pathogens* 9(1):1-18. e1003011. doi:10.1371/journal.ppat.1003011. 2012.  
<http://www.plospathogens.org/article/info:doi/10.1371/journal.ppat.1003011>
- Jasinska, AJ, Michelle K. Lin, Susan Service, Oi-Wa Choi, Joseph DeYoung, Olivera Grujic, Sit-Yee Kong, Yoon Jung, Mathew Jorgensen, Lynn A Fairbanks, **Trudy Turner**, Rita Cantor, Jessica Wasserscheid, Ken Dewar, Wesley Warren, J David Jentsch, Nelson B Freimer. A non-human primate system for large-scale genetic studies of complex traits. *Human Molecular Genetics*

21(15): 3307-3316. 2012.

<http://hmg.oxfordjournals.org/content/21/15/3307.abstract>

**Turner, TR** Ethical Issues in Human Population Biology. In S. Lindee and R Ventura Santos (eds.) *The Biological Anthropology of Modern Human Populations: World Histories, National Systems and International Networks*. *Current Anthropology*. 53(S5): S222-S232. 2012.

Grobler, JP and **TR Turner**. A Novel Trap Design for the Collection and Sedation of Vervet Monkeys (*Chlorocebus aethiops*). *South African Journal of Wildlife Research*. 40(2): 163-168. 2010.

**Turner, TR** Ethics and Human Biology. In M. Muehlenbein (ed.) *Human Evolutionary Biology*. Cambridge University Press, Cambridge, UK. 2010.

Whitten, PL and **TR Turner**. Endocrine mechanisms of primate life history trade offs: Growth and reproductive mechanisms in vervet monkeys. *American Journal of Human Biology*. 21(6): 754-761. 2009.

**Turner, TR** Commentary: Changing Times. *Current Anthropology*. April, 2009.

Whitten, PL and **TR Turner** Ecological and reproductive variance in serum leptin in wild vervet monkeys. *American Journal of Physical Anthropology*. 137(4): 444-448. 2008.

Slater, K, E Cameron, **TR Turner** and J DuToit The influence of oestrous swellings on the grooming behavior of chimpanzees of the Budongo Forest. *Behaviour* 145: 1235-1246. 2008

Caspari, R. and **TR Turner**. "The Ethics of Property and Biological Anthropology" In *Ethical Currents, Anthropology News (AN)* 47(2): 27-28, 2006

Anapol, F., **T.R. Turner**, C.S. Mott and C.J. Jolly "Comparative Postcranial Body Shape and Locomotion in *Chlorocebus aethiops* and *Cercopithecus mitis*.", *American Journal of Physical Anthropology* 127: 231-239. 2005.  
<http://www3.interscience.wiley.com/cgi-bin/abstract/109720351/ABSTRACT>

**Turner, T.R.** Introduction: *Biological Anthropology and Ethics* In Turner, T.R. (ed.) : *Biological Anthropology and Ethics: From Repatriation to Genetic Identity*. Albany, NY, SUNY Press, 2005

**Turner, T. R.** and J.D. Nelson *Darkness in El Dorado: Claims, Counter Claims and the Obligations of Researchers*. In Turner, T.R. (ed.) *Biological Anthropology and Ethics. From Repatriation to Genetic Identity*, Albany, NY, SUNY Press 2005

**Turner, T.R.** Data sharing and access to information. In Turner, TR (ed.) *Biological Anthropology and Ethics: From Repatriation to Genetic Identity*. Albany, NY, SUNY Press, 2005

Whitten, P.L and **T.R. Turner** "Male residence and the patterning of serum testosterone in vervet monkeys (*Cercopithecus aethiops*)" *Behavioral Ecology and Sociobiology* 56:565-578. 2004.  
<http://www.springerlink.com/content/12g3pgpgcr40a63n/?p=bceca502d52448f99efcba9e25126f3b&pi=6>



- Turner, T.R.** 2003 Reply - Commentary on James Neel and *Darkness in El Dorado*, Dialogue/Correspondence, *Anthropology Newsletter*, February, 2003
- Turner, T.R.** Changes in Biological Anthropology: Results of the 1998 American Association of Physical Anthropology Membership Survey. *American Journal of Physical Anthropology* 118:111-116.2002  
<http://www3.interscience.wiley.com/cgi-bin/abstract/93519758/ABSTRACT>
- Turner, T.R.** Anthropology, Genetic Diversity and Ethics *Anthropology Newsletter* 40 (5): 37. 1999.
- Turner, T.R.** and M.L. Weiss, Genetics of Old World Monkeys: One Aspect of the "Newer" Physical Anthropology, In S.C.Strum, D.G. Lindburg and D. Hamburg (Eds.) *The New Physical Anthropology: Science, Humanism and Critical Reflection*, Prentice Hall, NJ 1999.
- St. George, D., S.M. Witte, **T.R. Turner**, M.L. Weiss, J. Phillips-Conroy, E.O. Smith, and J. Rogers. Microsatellite variation in two populations of free-ranging yellow baboons (*Papio hamadryas cynocephalus*). *International Journal of Primatology*, 19 (2): 273-285. 1998  
<http://www.springerlink.com/content/v6700113321ju811/?p=2ef7a993c23b46fcab00f65a3d69206a&pi=4>
- Turner, T.R.** Brief Communication: The 1996 American Association of Physical Anthropology Membership Survey. *American Journal of Physical Anthropology*. 103: 565-569. 1997  
<http://www3.interscience.wiley.com/cgi-bin/abstract/39852/ABSTRACT>
- Turner, T.R.**, F. Anapol and C.J. Jolly, Growth, development and sexual dimorphism in free ranging vervet monkeys in Kenya. *American Journal of Physical Anthropology*. 103:19-35. 1997.  
<http://www3.interscience.wiley.com/cgi-bin/abstract/39815/ABSTRACT>
- Jolly. C.J., J.E. Phillips-Conroy, **T.R. Turner**, S. Broussard, J. Allan, SIVagm Incidence Over Two Decades in a Natural Population of Ethiopian Grivet Monkeys (*Cercopithecus aethiops aethiops*). *Journal of Medical Primatology*. 25: 78-83. 1996  
PMID: 8864978 [PubMed - indexed for MEDLINE]
- Turner, T.R.**, F. Anapol and C.J. Jolly, Body weights of adult vervet monkeys (*Cercopithecus aethiops*) at four sites in Kenya. *Folia Primatologica*. 63: 177-179, 1994. (released April 1995).  
PMID: 7750866 [PubMed - indexed for MEDLINE]
- Turner, T.R.** and M.S. Weiss, The Genetics of Longevity in Humans In Crews, D. and Garruto, R. M., (eds.) *Biological Anthropology and Aging*. Oxford University Press. pp. 76-100, 1994.
- Turner, T.R.**, Anthropological Genetics and Aging. in *AAGE (Association for Anthropology and Gerontology) Newsletter*, 13(3):6-7. 1992.
- Weiss, M.L. and **Turner, T.R.**, Hypervariable minisatellites and VNTRs, in Devor, E.J. (ed.) *Molecular Applications in Biological Anthropology*. Cambridge University Press. pp. 76-102. 1992
- Turner, T.R.** and M.L. Weiss and M.E. Pereira, DNA fingerprinting and paternity assessment in Old World monkeys and ringtailed lemurs. In A. F. Dixon, R.D. Martin, and E.J. Wickings (eds.),

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- Weiss, M.L., Watson, V., Chan C., **Turner, T.**, and Jeffreys, A.J. Application of DNA fingerprinting Probes to Old World Monkeys. *American Journal of Primatology*, 16(1):73-79. 1988.
- Turner, T.R.**, Maiers, J.E. and Mott, C.S., Population differentiation in Cercopithecus monkeys, In A. Gautier-Hion, and J.P. Gautier, , J. Kingdon (eds.) *A Primate Radiation. Evolutionary Biology of the African Guenons*. Cambridge University Press. pp. 140-149. 1988.
- Turner, T.R.**, Whitten, P.L., Jolly, C.J. and Else, J.G., Pregnancy outcome in free-ranging vervet monkeys; A Preliminary Report, *American Journal of Primatology*, 12(2):197-203. 1987.
- Dracopoli, N.C., **Turner, T.R.**, Jolly, C.J., Anthony, R., Gallo, R.C. and Saxinger, W.D., Seropidemiological Analysis of STLV-I Antibodies in Feral Populations of East African Vervet Monkeys (*Cercopithecus aethiops*), *International Journal of Cancer*. 38:523-530. 1986  
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- Naidu, J.M., **Turner, T.R.** and Mohrenweiser, H.W., Thermostability Characteristics of Glucosephosphate and Triosphosphate isomerase in Erythrocytes form Several Species, *Comparative Biochemistry and Physiology*, 79B(2):211-217. 1984.  
PMID: 6509914 [PubMed - indexed for MEDLINE]
- Turner, T.R.**, Mohrenweiser, H.W. and Wade, P.T., Variation in Erythrocyte Enzyme Activity among Primate Species, *Comparative Biochemistry and Physiology*, 77B(3):541-545. 1984.  
PMID: 6713827 [PubMed - indexed for MEDLINE]
- Dracopoli, N.D., Brett, F.L., **Turner, T.R.** and Jolly, C. J., Patterns of genetic variability in serum proteins of the Kenyan vervet monkey (*Cercopithecus aethiops*). *American Journal of Physical Anthropology*, 61:39-49. 1983.  
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- Turner, T.R.**, Lambrecht, F.L. and Jolly, C.J., The distribution of *Hepaticystis kochi* in Kenyan vervet monkeys, *Journal of Medical Primatology*, 11:191-194. 1982.  
PMID: 6820806 [PubMed - indexed for MEDLINE]
- Brett, F.L., **Turner, T.R.**, Jolly, C.J., and Cauble, R., Trapping baboons and vervet monkeys from wild, free-ranging populations, *Journal of Wildlife Management*, 46:164-174. 1982.
- Turner, T.R.**, Blood protein variation in vervet monkeys (*Cercopithecus aethiops*), *American Journal of Physical Anthropology*, 55:225-232. 1981.  
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Ethiopian vervet monkeys (*Cercopithecus aethiops*), *Journal of Medical Primatology*, 6:54-57. 1977.

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#### PROCEEDINGS AND REPORTS

**Turner, TR** 2009 Proceedings of the Seventy-Eight Meeting of the American Association of Physical Anthropologists, The Sheraton Chicago Hotel, Chicago, IL April 1-4, 2009. *American Journal of Physical Anthropology* 140(4): 771-787.

**Turner, T.R.** 2008 Proceedings of the Seventy-Seventh Meeting of the American Association of Physical Anthropologists, Hyatt Regency Hotel, Columbus, OH April 9-12, 2008. *American Journal of Physical Anthropology* 137:494-510.

**Turner, T.R.** 2007 Proceedings of the Seventy-Sixth Meeting of the American Association of Physical Anthropologists, Sheraton Society Hill, Philadelphia, PA, March 28-31, 2007, *American Journal of Physical Anthropology* 134(4): 540-553.

**Turner, T.R.** 2006 Proceedings of the Seventy-Fifth Meeting of the American Association of Physical Anthropologists, Anchorage, Hilton, Anchorage, Alaska, March 8-11, 2006. *American Journal of Physical Anthropology* 131:576-585

#### BOOK REVIEWS:

**Turner, TR** *The Infanticide Controversy: Primatology and the Art of Field Science. Contemporary Sociology* 40(6): 741-743. 2011

**Turner, T.R.** *Lost Paradises and the Ethics of Research and Publication, American Journal of Human Genetics*, 74(4): 1326-1327. 2004

**Turner, T.R.** *Thinking About Evolution: Historical, Philosophical and Political Perspectives. Volume Two, American Journal of Human Biology*, 14(5): 685-686. 2002

**Turner, T.R.,** *West Indian Green Monkeys: Problems in Historical Biogeography, American Journal of Physical Anthropology*, 78(1):126-127. 1989.

**Turner, T.R.,** *Reproductive Biology of the Great Apes. American Anthropologist*, 84:733-734. 1982.

**Turner, T.R.,** *Nocturnal Malagasy Primates, American Anthropologist* 83:730. 1981.

#### PAPERS PRESENTED, POSTERS AND ABSTRACTS PUBLISHED:

Svardal, H, Jasinska, A, Schmitt, CA, Huang, Y, Weinstock, G, Grobler, JP, Wilson, RK, Warren, W, Freimer, NB, Nordborg, M, **Turner, TR.** Population genomics disentangles taxonomic relationships and identifies ancient hybridization in the genus *Chlorocebus*. *Am. J. phys. Anthropol.* 162 (S64); 89. 2017.

- Lewis, AE, Loudon, JE, Pender, JE, Andrews, JC, Howells, ME, Grobler, JP, **Turner, TR**. Examining heavy metal concentrations in hair of South African Vervet monkeys. *Am. J. phys. Anthropol.* 162 (S64): 94. 2017.
- Anton, SC, Taboada, HG, Middleton, ER, Rainwater, CW, **Turner, TR**, Turnquist, JE, Weinstein, KJ, Williams, SA. Why did *Homo erectus* disperse? Tracking variables between fleshed and skeletal individuals to find patterns of plasticity. *Am. J. phys. Anthropol.* 162 (S64): 99. 2017.
- Turner, TR**. Indications of Implicit Bias in Biological Anthropology. Society for Applied Anthropology, Santa Fe, New Mexico, March, 2017.  
[http://www.sfaa.net/files/9014/8969/0697/2017\\_Final\\_Program.pdf](http://www.sfaa.net/files/9014/8969/0697/2017_Final_Program.pdf)
- Turner, TR**, CA Schmitt, J Danzy Cramer. Pre-pubertal growth within the genus *Chlorocebus*: Population specific variation and life history in a wide-spread taxon. International Primatology Society, Chicago, IL 2016.
- Schmitt, CA, **TR Turner**, J Danzy-Cramer, J Lorenz, JP Grobler, NB Freimer. Comparative growth and static allometry in the genus *Chlorocebus*. *Am. J. phys. Anthropol.* 159 (Suppl. 62): 285.
- Montague, MJ, Lhillier, AJ, Jasinska, **TR Turner**, J Kaplan, MJ Jorgensen, N Freimer, G Weinstock, RK Wilson, WC Warren, Structural variant discovery among related vervet monkeys. American Association of Physical Anthropology, St. Louis, MO 2015
- Cramer, JD, JP Grobler, NB Freimer, **TR Turner**. Blue sexual skin color and male dominance behaviors among South African vervet monkeys (*Ch.a.pygerythrus*) IPS, Hanoi, VietNam  
<https://www.asp.org/ips/ips2012/conferenceschedule.cfm> 2014
- Cramer, JD, Milich, K, J Bahr, TJ Gaetano, JP Grobler, R Stumpf, CA Schmitt, NB Freimer, **TR Turner**. Preliminary investigation of the relationship between blue sexual skin color and fecal glucocorticoids in South African Vervet Monkeys. (*Ch.a.pygerythrus*). IPS, Hanoi, VietNam.  
<https://www.asp.org/ips/ips2012/conferenceschedule.cfm> 2014
- Turner, TR**, CA Schmitt, JD Cramer, JG Lorenz, JP Grobler, N Freimer. Taxonomic variation in the pre-pubertal growth trajectories within the genus *Chlorocebus*. IPS, Hanoi, VietNam,  
<https://www.asp.org/ips/ips2012/conferenceschedule.cfm> 2014
- Schmitt, CA, LA Fairbanks, TJ Gaetano, MB Beller, **TR Turner**, NB Freimer. Population variation in behavioral responses to trapping among South African vervet monkeys (*Chlorocebus* spp). IPS, Hanoi, VietNam. <https://www.asp.org/ips/ips2012/conferenceschedule.cfm> 2014
- Jasinska, A, CA Schmitt, D Ma, Y Huang, H Svardal, J Wasserscheid, JP Grobler, J Jorensen, M Muller-Trutwin, M Antonio, K Dewar, W Warren, g Weinstock, I Pandrea, C Apetrei, M Nordborg, R Woods, D Jentsch, **TR Turner**, N Freimer. Biological resources for genomic investigation in Vervet monkeys (*Chlorocebus*). AAPA, Calgary, Canada,  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Svardal, H, YS Huang, CA Schmitt, AJ Jasinska, Y Jung, J Wasserscheid, N Jureticx, M Muller-Trutwin,

- B Jacquelin, M Antonio, M Dione, JP Grobler, RK Wilson, K Dewar, W Warren, G Weinstock, **T Turner**, M Nordborg NB Freimer. The evolutionary history of the genus *Chlorocebus* inferred from whole genome sequencing. AAPA, Calgary, Canada.  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Grobler, JP, WG Coetzer, CA Schmitt, J Lorenz, **TR Turner**. Genetic differentiation in South African vervet monkeys- Landscape features define routes of migration. AAPA, Calgary, Canada,  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Turner, TR**, CA Schmitt, JD Cramer, J Lorenz, JP Grobler, NB Freimer. Comparative developmental morphology within the genus *Chlorocebus*. AAPA. Calgary, Canada.  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Yeoman, C, S Yildirim, S Leigh, BA Wilson, B White, AJ Jasinska, JD Cramer, **TR Turner**, G Cerda, ME Berg Miller, A Gomez, M Carr, M Torralba, M Gillis, KE Nelson, RM Stumpf. The vervet microbiome: determinants of microbial community composition and insights into health and disease. AAPA Calgary, Canada. <http://meeting.physanth.org/program/2014/session52/> 2014
- Sponheimer, M, JE Loudon, JP Grobler, K Moyer, **TR Turner** Using stable isotopes to study vervet-human interactions. AAPA, Calgary, Canada.  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Apetrei, C, D Ma, A Jasinska, J Kristoff, **Turner, TR**, JP Grobler, M Antonio, Y Jung, C Schmitt, K Raehtz, F Feyertag, V Wijewardana, DL Robertson, R Tracy, I Pandrea, N Freimer, Pathogenesis of SIVagm infection in wild African Green Monkeys. AAPA, Calgary, Canada.  
<http://meeting.physanth.org/program/2014/session52/> 2014
- Svardal, H, Yu S Huang, Christopher A Schmitt, Anna J Jasinska, Yoon Jung, Jessica Wasserscheid, Nikoleta Juretic, Michaela Muller-Trutwin, Beatrice Jacquelin, Martin Antonio, Michel Dione, Paul Grobler, Richard K Wilson, Ken Dewar, Wesley Warren, George Weinstock, **Trudy Turner**, Nelson B Freimer, Magnus Nordborg. Population Genomics of a widely distributed African Primate. Society for Molecular Biology and Evolution, Annual Meeting, 2013.
- Huang, YS, H Svardal, CA Schmitt, AJ Jasinska, J Wasscheid, N Juretic, M Muller-Trutwin, B Jacquelin, M Antonio, M Dione, JP Grobler, RK Dewar, K Warren, C Weinstock, **TR Turner**, M Nordberg, NB Freimer, The population history of African and Caribbean vervet monkeys inferred from 130 who-genome-sequenced samples. The Biology of Genomes Conference, Cold Spring Harbor Laboratory, 2013.
- Turner, TR** Ethical discourse in biological anthropology: Somethings borrowed, some thing new. Wiley Blackwell/Symposium New Trends in Biological Anthropology, American Association of Physical Anthropology Meetings, Knoxville, TN, April, 2013  
<http://physanth.org/annual-meeting/82nd-annual-meeting-2013/aapa-meeting-program-2013>

**Turner, TR** Discussant: Ethical Issues in Biological Anthropology, AAPA meetings, Knoxville, TN, April 2013.

Jasinska, Anna J., Dongzhu Ma, Nam Tran, Christopher Schmitt, Oi-wa Choi, Joseph DeYoung, Yoon Jung, Giovanni Coppola, **Trudy Turner**, Paul Grobler, Jessica Wasserscheid, Ken Dewar, Wesle Warren, Ivona Pandrea, Cristian Apetrei, Nelson B Freimer: Transcriptome characterizations of an AGM exposed sero-negative model. 30<sup>th</sup> Annual Symposium on Nonhuman Primate Models/AIDS. San Antonio, Texas, 2012.

Jasinska, A., Dongzhu Ma, Nam Tran, Charles Bloom, Jan Kristoff, Paul Grobler, **Trudy Turner**, Yoon Jung, Christopher Schmitt, Kevin Raetz, Natalie Martinez, Donald Burke, Russell Tracy, Ivona Pandrea, Cristian Apetrei and Nelson Freimer for The International Vervet Research Consortium. Whole genome and transcriptome characterization of South African Wild AGM populations heavily infected with SIVagmVer. 5<sup>th</sup> International Conference on Primate Genomics, The Biology of Genomes, Cold Spring Harbor, 2012

Grobler, JP, **Turner, TR**, D. Ma, A Jasinska, J. Kristoff, Y Jung, C Schmitt, K Raetz, N Martinez, W Jewardana, R Tracy, I Pandrea, J. Danzy, T Gaetano, S. Mtshali, N Theron, N Freimer, C Apetrei. Preliminary results on the prevalence and patterns of diversity in virus and parasite infections in wild vervet monkey populations. South African Wildlife Management Association, 2012.

Grobler, JP, G Coetzer, K Dore, J Lorenz, C Schmitt, N Freimer and **TR Turner**. Genetic differentiation in populations of vervet monkeys (*Chlorocebus aethiops*) in South Africa. International Primatological Society, Cancun, Mexico, August, 2012.

Danzy, JL, T Gaetano, S Mtshali, N Theron, C Schmitt, JP Grobler, N Freimer, and **TR Turner**. The environmental and anthropogenic factors associated with gastrointestinal parasites among free-ranging South African vervet monkeys. International Primatological Society, Cancun, Mexico, August, 2012.

**Turner, TR** and JP Grobler. Prevalence, incidence and patterns of diversity in SIV and parasites in wild vervet monkey populations. PEGG (South African Primatology Association), Black Mountain, South Africa, 2012.

Loudon, James, **Trudy R. Turner**, J. Paul Grobler, Kimberly L. Moyer, Renee C. Walker and Matt Sponheimer. Geographic variation in hair  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  values of vervet monkeys (*Chlorocebus aethiops*) reflect anthropogenic impact. *American Journal of Physical Anthropology*, Annual meeting Supplement, 2012

Jasinska, AJ, N Tran, Y Huang, C Schmitt, O-W Choi, J DeYoung, Y Jung, G Coppola, M Ma, C Apetrei, I Pandrea, **TR Turner**, JP Grobler, M Antonio, M Dione, J Wasserscheid, K Dewar, W Warren, N Freimer. Vervet or African Green Monkey (AGM) as a system for genetic study of SIV infection and progression. 29<sup>th</sup> Annual Symposium on Nonhuman Primate Models/AIDS, Seattle, WA October, 2011.

Ma, D, AJ Jasinska, JP Grobler. **TR Turner**, YJ Jung, CA Schmitt, J Kristoff, N Martinez, D Burke, R Tracy, J Pandrea, NB Freimer, C Apetrei. SIVagmVer infection in wild African green monkeys

(AGMs) from Republic of South Africa (RSA): Prevalence, incidence, diversity natural history and evolutionary considerations. 29<sup>th</sup> Annual Symposium on Nonhuman Primate Models, Seattle, WA. 2011.

**Turner, TR.** Ethics and Biological Anthropology, American Anthropological Association, Montreal, Canada, 2011.

Warren, WC, A Jasinska, N Tran, Y Huang, K Dewar, J Wasserscheid, N. Juretic, **TR Turner**, P Grobler, G Weinstock, RK Wilson, N Freimer. Gaining genetic insights in to quantitative traits from the vervet genome. The Biology of Genomes, Cold Spring Harbor, 2011.

Danzy, J, JP Grobler, T Gaetano, CA Schmitt, J Lorenz, N. Freimer, **TR Turner**. A link between sexual skin color and secondary sexual characteristics among free ranging vervet monkeys (*Chlorocebus aethiops pygerythrus*). American Society of Primatology. September, 2011.

Danzy, J, JP Grobler, N Freimer, **TR Turner**. Temporal differences in affiliative behavior among male vervet monkeys. Animal Behavior Society, 2011.

Danzy, J, JP Grobler, **TR Turner**. Sunbathing and social relationships among vervet monkeys. PEGG, The South African Primatology Association, Mtuzini, South Africa, 2011.

Danzy, J, JP Grobler, N Freimer, **TR Turner**. Sunning: A behavioral response to seasonal climatic change in South African vervet monkeys. *American Journal of Physical Anthropology* 145 (S 52): 120-121. 2011.

**Turner, TR.** The ethics of collections in biological anthropology. *American Journal of Physical Anthropology*, Meeting supplement, 2011.

**Turner, TR,** JG Lorenz, JD Pampush, N Freimer, JP Grobler The Utility of genetic and morphological data in understanding taxonomy in vervet monkeys. International Primatological Society, Kyoto, Japan, 2010.

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Danzy, J, JP Grobler, JG Lorenz, **TR Turner**. Developmental patterns of scrotal coloration among free-ranging African and Caribbean vervet monkeys. International Primatological Society, Kyoto, Japan. 2010

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Coetzer, R, JP Grobler and **TR Turner**. Population genetic structure of vervet monkeys in southern and central regions of South Africa. PEGG, Hogsback, South Africa. 2010.

Lorenz, J, JP Grobler, K MacAuliffe Dore, N Freimer, A Jasinska and **TR Turner**. Genetic variation among geographically widespread populations of vervets (*Chlorocebus aethiops*) in Southern and Eastern Africa. *American Journal of Physical Anthropology*, Supplement 50: 177. 2010.

Whitten, P, JP Grobler, J Lorenz, C Barrett, M Ortiz, JD Pampush and **TR Turner**. Ecogeographic analysis of nutritional states in South African vervet monkeys. *American Journal of Physical Anthropology*, Supplement 50: 321. 2010.

**Turner, TR**. Ethical Issues in Human Population Biology. Paper presented at Wenner-Gren symposium "The Biological Anthropology of Modern Human Populations. Held in Terrasopolis, Brazil, March, 2010.

**Turner, TR** and JP Grobler. Integrated genetics and genomics of a model system. PEGG, Pretoria, South Africa, 2009

Danzy, JL, JD Pampush, JP Grobler and **TR Turner** Developmental patterns of scrotal coloration among wild vervet monkeys. PEGG, Pretoria, South Africa, 2009.

Pampush, JD, JL Danzy, JP Grobler and **TR Turner**. Human food opportunities and vervet body size. PEGG, Pretoria, South Africa, 2009.

Anton, SC, JJ Snodgrass, C Crowder, A DiFiore, DL Duren, E Fernandez-Duque, WR Leonard, SR Leigh, FC Madimenos, WS McGraw, E Middleton, C Schmitt, RJ Sherwood, S Stinson, P Stubblefield, **TR Turner**, CR Vallengia, FJ White. Integrative measurement protocol for morphological and behavioral research in humans and non-human primates. *American Journal of Physical Anthropology*, Supplement 44: 81. 2009

Danzy, JL, JD Pampush, JP Grobler and **TR Turner**. Ontogenetic differences in scrotal coloration among South African vervet monkeys. *American Journal of Physical Anthropology*, Supplement 44: 39. 2009

MacAuliffe-Dore, K, JP Grobler, JG Lorenz and **TR Turner** Genetic variability in three South African vervet monkey (*Chlorocebus aethiops*) populations. *American Journal of Physical Anthropology*, Supplement 44: 256. 2009

Pampush, JD, EA Drew, JL Danzy, JP Grobler and **TR Turner**. Assessment of human installations and activities on vervet body mass indices. *American Journal of Physical Anthropology*, Supplement 44: 285. 2009.

Whitten, PL and **TR Turner**. Architecture of life history events on vervet monkeys (*Cercopithecus aethiops*). *American Journal of Physical Anthropology*, Supplement 44: 394. 2009.

**Turner, TR**, Lorenz, J and JP Grobler. Conservation Genetics and Species Survival: A Case Study from Vervet Monkeys. *American Anthropological Association*, 2008

Grobler, JP, A Kotze, K Ehlers and **T Turner**. Applications and limitations of assignment methods in conservation genetics: Two case studies from South Africa. South African Wildlife Management Association meeting, Port Alfred, South Africa, September, 2008

Whitten, PL and **TR Turner** Endocrine mechanisms of life-history trade-offs: Growth and reproductive



maturation in vervet monkeys. Human Biology Association, 2008

**Turner, TR**, J Lorenz and JP Grobler Overview of genetics and life history of vervet monkeys. PEGG, Mpumalanga, South Africa 2008

**Turner, T.R**, J Lorenz, P. Whitten, M. Jacquier, K. MacAuliffe, D. Beller and JP Grobler. Genetics, Taxonomy and Conservation of Vervet Monkeys in South Africa. Society for Conservation Biology International Meeting, Port Elizabeth, South Africa, 2007 (abstract available on disk supplement)

**Turner, TR** and JP Grobler Genetic differentiation of vervet monkey-update on the vervet project. PEGG meeting, Cape Town, South Africa. 2007  
abstract available at [http://www.peggweb.org/2007\\_abst.htm](http://www.peggweb.org/2007_abst.htm)

Whitten, P.L. and **T.R. Turner**. Female reproductive state, ecology, and serum leptin in wild vervet monkeys (*Chlorocebus aethiops*). *American Journal of Physical Anthropology* Supplement 44:43. 2007

**Turner, TR** Ethics in Biological Anthropology. Plenary Session American Association of Physical Anthropology 2007

Grobler JP and **TR Turner** Genetic differentiation in South African vervet monkeys. Paper presented at PEGG meeting Magoebaskloof, South Africa. 2006

Curnoe, D., **T R Turner**, J.Coate, K.Slater Humans, baboons and vervet monkeys: exploring sympatry and synchrony for evolutionary insights. *American Journal of Physical Anthropology* Supplement 40. 2005.

Grobler, P.J., M. Jacquier, H. DeNys, M. Blair, P.L. Whitten and **T.R. Turner**. Primate sanctuaries, taxonomy and survival: A case study from South Africa. *American Journal of Physical Anthropology*, Supplement 40. 2005

Whitten, P.L. and **Turner, T.R.** Serum leptin reflects ecological differences in vervet monkey (*Cercopithecus aethiops*) populations. *American Journal of Physical Anthropology*, Supplement 38:208. 2004

**Turner, T.R.** Update on vervet research in South Africa. Paper presented at annual PEGG (Primate Ecology and Genetics Group), South Africa. 2004.

Whitten, P.L. and **Turner. T.R.** Endocrine components of life history trade-offs in vervetmonkeys (*C. aethiops*) *American Journal of Physical Anthropology*, Supplement 36. 2003

**Turner, T.R.** Ethical concerns in biological anthropology: Introduction to the symposium. *American Journal of Physical Anthropology* 32: 152. 2001

Altmann, J, Beck, J, DiRienzo, A, Glander, K, Goodman, M, Mann, A, Melnick, D, Rogers, J, Ryder, O, Stone, A and **Turner, T.R.** Primate Biomaterials Resource. *American Journal of Physical Anthropology* Supplement 32: 32. 2001

- Altmann, J, Beck, J, DiRienzo, A, Glander, K, Goodman, M, Mann, A, Melnick, D, Rogers, J, Ryder, O, Stone, A and **Turner, T.R.** Primate Evolution Resource. International Primatological Society, Adelaide, Australia, January, 2001
- Turner, T.R.** and P.L. Whitten An ecological approach to vervet monkey life history. International Primatological Society, Adelaide, Australia, January, 2001
- Turner, T.R.** Demographic trends in the American Association of Physical Anthropology. American Anthropological Association, November, 2000
- Turner, T.R.**, J.P. Gray, F. Anapol and M.L. Weiss, Genetics and morphology in vervet monkey evolution. *American Journal of Physical Anthropology*, Supplement 30: 305-306. 2000
- Whitten, P.L. and **T.R. Turner**, An endocrine biomarker of life history in male primates. *American Journal of Physical Anthropology*, Supplement 30: 320. 2000.
- Whitten, P.L., **T.R. Turner** and C.J. Jolly, Relation of ecogeographic variation in social structure to serum testosterone in vervet monkeys: a primate test of the challenge hypothesis. *American Journal of Physical Anthropology*, Supplement 26: 231-232. 1998
- Weiss, M.L., **T. R. Turner** and J. P. Gray, Genetic Variation in Old World Monkeys and its Relevance to Humans. Presented at the Cold Spring Harbor Symposium on Human Evolution, October, 1997.
- Turner, T.R.**, M.L. Weiss and J.P. Gray, The Uses of Stored Samples for Genetic Analysis – Recycled Field Studies. *American Journal of Physical Anthropology*. Supplement 24:230. 1997.
- Turner, T.R.**, M.L. Weiss, B. Rosinsky, and C.J. Jolly, Genetic differentiation in vervet monkeys. Presented at International Primatological Society Meetings. IPS/ASP Abstracts #576, 1996.
- Turner, T.R.**, B. Rosinsky, M.L. Weiss and C.J. Jolly, Microsatellite variation in four populations of vervet monkeys in Kenya. *American Journal of Physical Anthropology*. Supplement 22:231. 1996.
- Anapol, F., **T.R. Turner**, C.S. Mott, and C.J. Jolly, Postcranial proportions of *Cercopithecus aethiops* and *Cercopithecus mitis*. *American Journal of Physical Anthropology*. Supplement 20: 57. 1995.
- St. George, D., J.A. Rogers, S. Witte, **T.R. Turner**, M. L. Weiss J. Phillips-Conroy, R. Phillips, and E.O. Smith, Microsatellite polymorphisms on two wild populations of yellow baboons (*Papio hamadryas cynocephalus*). *American Journal of Physical Anthropology*. Supplement 20: 203. 1995.
- Turner, T.R.**, and M.L. Weiss, Genetic differentiation among subspecies of Old World Monkeys. *American Journal of Physical Anthropology*. Supplement 20:213-214. 1995.
- Turner, T.R.**, F. Anapol and C.J. Jolly, Growth and development in four populations of vervet monkeys in Kenya. *American Journal of Physical Anthropology*. Supplement 18:198. 1994.

- Weiss, M.L. and **Turner, T.R.**, Nonhuman Primates and the Human Genetic Diversity Project. Presented to Organizing Workshop of Human Genetic diversity Project, Wenner-Gren Conference, Mt. Kisco, NY. 1993.
- Turner, T.R.** and Weiss, M., DNA Fingerprinting and Paternity Assessment in Old World Monkeys and Ringtailed Lemurs. 2nd Karger-Ittgen Symposium in Primatology: Paternity in Primates. Switzerland. 1991.
- Weiss, M. Pereira, M. and **Turner, T.R.**, DNA Fingerprints of Primates: Levels of Variability and Interpretation of Behavior. *American Journal of Primatology*, 20(3):243. 1990.
- Turner, T.R.**, C.S. Mott and J.E. Maiers, Population differentiation in *Cercopithecus* monkeys. Conference on Biology and Phylogeny of *Cercopithecus* monkeys. Station Biologique de Paimpont, Plelan-le-Grand, France. 1985.
- Turner, T.R.**, J.E. Maiers and C.S. Mott, Comparative distance measures in two species of *Cercopithecus* monkeys: *Cercopithecus aethiops* and *Cercopithecus mitis*, *American Journal of Physical Anthropology*. 66:238. 1985.
- Turner, T.R.**, C.S. Mott and J. Maiers, Genetic and morphological studies on two species of Kenyan monkeys, *Cercopithecus aethiops* and *Cercopithecus mitis*, *International Journal of Primatology*. 1984.
- Mott, C.S., **T.R. Turner** and J.G. Else, Genetic differentiation in three populations of Kenyan *Cercopithecus mitis*, *American Journal of Physical Anthropology*, 63:197. 1984.
- Mohrenweiser, H.W., J.I. Asakawa, R.S. Decker and **T.R. Turner**, Human triosephosphate isomerase: characterization of electrophoretic and activity deficient variants; *Federation Proceedings*, of the American Society of Biological Chemists. 40:1760. 1981.
- Dracopoli, N.C., C.J. Jolly and **T. R. Turner**, Genetic variation and the potential for paternity exclusion in feral populations of *Cercopithecus aethiops*, *American Journal of Primatology*. 1981.
- Turner, T.R.**, C. J. Jolly and N.C. Dracopoli, Geographic variation in population structure and adult body weight in Kenyan vervet monkeys, *American Journal of Physical Anthropology*, 54:285, 1981.
- Lewis, L.S., J.A. Rogers and **T.R. Turner**, Some female reproductive statistics for wild-caught vervet monkeys (*Cercopithecus aethiops pygerythrus*), *American Journal of Physical Anthropology*, 54:246 1981.
- Dracopoli, N.C., **T.R. Turner** and C.J. Jolly, Population genetics of Kenyan vervet monkeys (*Cercopithecus aethiops*), *American Journal of Physical Anthropology*, 54:215. 1981.
- Turner, T.R.**, Variation in the blood proteins of vervet monkeys, *American Journal of Physical Anthropology*, 44:122. 1976.
- Brett, F.L., **T.R. Turner**, C.J. Jolly, and L. Peel, Synecology of primates in Ethiopia, *Proceedings of the*

*Northeastern Anthropological Association, 1975.*

**Turner, T.R.**, Biological variation in a vervet monkey population, *American Journal of Physical Anthropology*, 41:407. 1974.

#### INVITED LECTURES

- 2016 "A life history model for an academic career" American Association of Physical Anthropology Committee on Diversity, Luncheon Address, Career mentoring. Atlanta, GA
- 2010 "Primates: Our Shared Ancestry" University of the Free State, South Africa.
- 2005 "Primate Priorities - Life History of Vervet Monkeys" Coriell Institute, Camden, New Jersey
- 2003 "Primate Research in South Africa" Department of Anthropology, University of Wisconsin-Milwaukee
- 2002 "Primate Priorities-Life History of non-human primates" Department of Anatomy University of Pretoria Medical School, South Africa
- 2002 "Vervet Monkey Life History", ISMA (Institute for the study of Mankind in Africa) Department of Anatomy, University of Witswatersrand, South Africa
- 2002 "Primate Biology" Center for Wildlife Management, University of Pretoria, South Africa
- 2002 "Life History of Vervet Monkeys" Department of Biology, University of the North, Pietersberg, South Africa
- 2000 "Life History of Vervet Monkeys" Department of Biology, University of Natal Pietermaritzberg, South Africa
- 2000 "Primates and Evolution: Examples from the Field" A Symposium on the Nature of Science, Fermilab, Batavia, IL Available on-line at <http://vmsstreamer1.fnal.gov/Lectures/NatureOfScience/Turner/f001.htm>
- 1988 "Genetic variability in non-human primates", Department of Biology, University of Wisconsin-Milwaukee
- 1987 "New techniques in the study of genetic variability in non-human primates", Department of Anthropology, University of Wisconsin-Madison
- 1983 "Comparative measurements of variation in non-human primates", Department of Anthropology, Harvard University
- 1982 "Biological variation in vervet monkeys" Chicago Academy of Sciences

## FIELD AND LABORATORY EXPERIENCE:

- 2009-2011 Collect biological samples from 2000 vervet monkeys in South Africa, Zambia, Botswana, Ghana, Ethiopia, the Gambia and St. Kitts for NIH sponsored research project.
- 2002- Establish two field sites in South Africa for long-term examination of life history in vervet monkeys
- 1987-present Examination of Microsatellite loci variation and DNA fingerprinting in non-human primates for paternity assessment and population genetics
- 1982 Examination of human and primate polymorphisms using restriction endonucleases and recombinant DNA technology, Department of Human Genetics, University of Michigan Medical School
- 1981 Examination of enzyme kinetics of samples of six primate species using fast centrifugal analyzer, department of Human Genetics, University of Michigan Medical School
- 1981 Collected samples from *Erythrocebus patas* colony at Perguera, Puerto Rico, for study of genetic variation
- 1980-1981 Electrophoretic examination of blood samples of 100 *Cercopithecus mitis* from Kenya
- 1978-1979 Field collection of demographic information and biological samples of 400 vervet monkeys at four sites in Kenya
- 1973 Field collection of samples from 125 vervet monkeys, Awash National Park, Ethiopia

## INSTRUCTION

## Courses Taught

## Undergraduate

Introduction to Anthropology: Human Prehistory  
 Introduction to Human Evolution  
 Human Evolution and Variation  
 Heredity, Environment and Human Populations  
 Proseminar: Primate Behavior  
 Primate Populations: Research Seminar  
 Freshman Seminar: Thinking About Human Evolution  
 Honors Seminar: Human Adaptation  
 Coordinator: Dead Men Do Tell Tales, Forensic Science, A Multidisciplinary Approach to Solving Crime

University of Witwatersrand, Department of Anatomy, Primatology  
Study Abroad- Primate Conservation Genetics, South Africa

#### Graduate

Primate Populations  
Core course in Physical Anthropology  
Seminar: Evolutionary Theory and Primate Biology  
Seminar: Molecular Anthropology

#### Student Committees

##### MA Advisor

Before 2006- 16 students (committee member or chair):  
Mary Consoli (in process)  
Sean Draxler (completed, 2017)  
Amanda Epping (completed, 2016)  
Mary Sorrenti (in process)  
Aurianna Gilliland-Lloyd (completed, 2017)  
Gabriel Coetzer, University of the Free State (completed, 2012)  
Tegan Gaetano (completed, 2012)  
Alexandra Reddy (completed, 2011)  
James D. Pampush (completed, 2010)  
Laura Zelmer (completed, 2010)  
Terri Evans (completed, 2009)  
Kim Vigue (completed, 2009)  
Kerry MacAuliffe (completed, 2008)  
Elizabeth Drew (University of Pretoria, completed 2008)  
Elizabeth Thimke (completed, 2007)

##### Ph.D. Advisor

Alycia Hall (in process)  
Carol Mott (completed, 1987)  
Dawn St. George (completed, 1997)  
Christine Ruth (completed, 1998)  
Alejandra Estrin (completed, 2008)  
Jennifer Danzy (completed, 2012)  
Kerry MacAuliffe Dore (completed, 2013)  
Kerry Slater (University of Pretoria, completed, 2007)

##### Ph.D. Minor Advisor

Nina Thumser (Biology, completed, 1993)  
Gaye Rheinhartz (Biology, completed, 1997)

#### OTHER PROFESSIONAL ACTIVITIES

2015	NSF – Co-Chair, Divisional review SBC of BCE
2013	NSF-Graduate Research Fellowship Program, Evolutionary Biology panel
2011-2012	NSF Panel Member, Graduate Research Fellowship Program,

- Panel member in Physical Anthropology, Evolutionary Biology
- 2010 NSF Panel Member, IGERT pre-proposals
- 2003 NSF Panel Member IGERT full proposal
- 2001-2002 American Anthropological Association Task Force considering the book, *Darkness in El Dorado*. The Task Force produced a 400 page report available at <http://www.aaanet.org>
- 2000 NSF Panel member- feasibility of non-human primate genetic database
- 1999 NSF Panel Member – IGERT preproposals
- 1999 Organizer of NSF sponsored workshop, Anthropology, Genetic Diversity and Ethics at UWM
- 1999 NSF Panel Member – IGERT grants, full proposals
- 1998 NSF Panel Member – IGERT grants, preproposal panel (Integrative Graduate Education and Research Traineeship)
- 1995 NIH Panel Member - Review chimpanzee breeding programs
- 1991 NSF Panel member - Review BBS Research Training Grants - multidisciplinary, multiinstitutional graduate training grants
- 1977-1978 Co-organizer (with T. Olivier) of Chicago Primatological Group
- 1977-present Reviewed proposals for National Science Foundation, Guggenheim Foundation, Wenner-Gren Foundation, Center for Field Research  
Reviewed texts for Prentice-Hall  
Reviewed manuscripts for American Journal of Physical Anthropology, American Primatology, International Journal of Primatology, Yearbook of Physical Anthropology, Folia Primatologica, Current Anthropology
- Reviews for 2012 include the following:  
Journals: Wildlife Research; Wildlife Biology; Journal of Biogeography; Biodiversity and Conservation; Folia Primatologica; PLoS Pathogens; American Journal of Primatology;  
Grant proposals were reviewed from National Science Foundation; National Research Foundation (South Africa); Leakey Foundation; National Geographic  
Tenure and Promotion Reviews for Boston University; Iowa State University

#### PROFESSIONAL SOCIETIES:

American Anthropological Association - member;

Biological Anthropology Section- member  
 Committee on the Status of Women in Anthropology - member  
 American Association of Physical Anthropologists- member  
 American Society of Human Genetics - member  
 American Association for the Advancement of Science - member  
 International Primatological Society - member  
 American Primatological Society - member  
 Society for the Study of Evolution - member  
 South African Wildlife Management Society - member  
 Primate Ecology and Genetic Group (PEGG) – Founder, Chair and member

#### COMMITTEE MEMBERSHIP:

##### Professional

2017	Chair, Data Archive Committee, American Association of Physical Anthropology
2014-	Ethics Committee, American Association of Physical Anthropology
2012-2017	Executive Committee, American Association of Physical Anthropology
2006-2008	Chair, Biological Anthropology Section, AAA
2005-2009	Secretary-Treasurer, American Association of Physical Anthropology
2005-2006	Chair, Committee on the Status of Women in Anthropology (COSWA), AAA
2004-2005	Local Arrangements Chair, American Association of Physical Anthropology Meeting in Milwaukee- 2005
2004-2012	Co-Chair, Primate Ecology and Genetics Group, South Africa
2004-2006	Chair-elect, Biological Anthropology Section, AAA
2003	Member, Executive Committee, American Association of Anthropological Genetics
2003-2006	Committee on the Status of Women in Anthropology, AAA
1999	Student Awards Committee, Annual Meeting, American Association of Physical Anthropology
1997-1999	Chair, Task Force on Gender Equity/Membership Composition, American Association of Physical Anthropology
1997- 1999	Liaison-American Association of Anthropological Genetics and the National Committee of the International Union of Biological Sciences within the National Research Council of the National Academy of Sciences
1997-2004	Ethics Committee, American Association of Physical Anthropology
1995-1997	Executive Committee, American Association of Physical Anthropologists, elected 3 year term
1994-1997	Chair, Membership Committee, American Association of Physical Anthropologists, designed and implemented demographic survey of membership
1990-1993	Program Committee, American Association of Physical Anthropology Arrange meetings program
1989-1991	Local Arrangements Chair, American Association of Physical Anthropology Meeting in Milwaukee - 1991
1988-1989	Education Committee, American Society of Primatologists



## University

- 2007-2008 Chair, Conflict of Interest Committee. UWM
- 2004-2005 Chair, Executive Committee of the Division of Social Sciences, UWM
- 2004 Member, Executive Committee of the Division of Social Sciences, UWM
- 2002-2003 Chair, Affirmative Action in Faculty Employment
- 2000-2003 Affirmative Action in Faculty Employment Committee
- 2000 Letters and Science Affirmative Action Committee
- 2000-2002 Graduate Curriculum Committee
- 2000-2003 Graduate Faculty Council
- 1999 Advisory Committee, Center for Forensic Science
- 1999 Search Committee, Dean of College of Letters and Science
- 1998 Advisory Board, CIPD (Center for Instructional and Professional Development) UWM Advisory Board, Interim Coordinator, Faculty Mentoring Program
- 1997 College of Letters and Science Committee for UWM Center for Jewish Studies
- 1997 UWM Faculty Mentoring Program, faculty mentor
- 1996-1997 College of Letters and Science Task Force on Geosciences
- 1995-1996 UWM Research Policy Committee
- 1995-1997 Graduate School Research Committee
- 1994-1995 Executive Committee of the Division of Social Sciences - Tenure and Promotion
- 1984-1990 Women's Studies Advisory Council
- 1977-1979 Washington Internship Program
- 1988-1989 Search and Screen Committee for Program Director, Women's Studies

## Department

- Anthropology Internal Grants
- Graduate Admissions & Financial Aid Committee - Chair
- Space Allocation Committee
- Graduate Studies Committee
- Graduate Examinations Committee
- Course and Curriculum Committee
- Colloquium Committee