

**CURRICULUM VITAE**

September, 2011

**Trudy R. Turner**

OFFICE ADDRESS: Department of Anthropology  
 University of Wisconsin-Milwaukee  
 Milwaukee, Wisconsin 53201  
 Telephone: (414) 229-5989/4613/4175  
 FAX: (414) 229-5848  
 E-Mail address: [trudy@uwm.edu](mailto:trudy@uwm.edu)

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 ( <i>Cercopithecus aethiops</i> )"
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 variation in non-human primates; primate life history; 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 Witwatersrand
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:

- 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 (BRSG), 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

- 1998 Martine Meyer Award for Excellence in Undergraduate Teaching, College of Letters and Science, University of Wisconsin - Milwaukee

## BOOKS

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

Turner, T.R. and P.L. Whitten *Primate Priorities: A Life History Analysis of Vervet Monkeys*. Under contract to 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>

## ARTICLES PUBLISHED

Dore, KM, J Lorenz, JP Grobler and TR Turner. Population genetic structure of South African Vervet Monkeys (*Chlorocebus aethiops*) suggest high levels of gene flow among populations adapted to diverse landscape features. *Acta Theriologica*. Under review.

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*, In Press.

Lorenz, J, JP Grobler, K MacAuliffe Dore and TR Turner. Preserving primate biomaterials for future research: Field research and the Integrated Primate Biomaterials and Information Resource. In A. DiFiore (ed) *Molecular Primatology*. In Press

- 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/v670011332lju811/?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.), *Paternity in Primates: Tests and Theories*, Karger, Basel. pp. 96-112. 1991.

- 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., Seroepidemiological Analysis of STLV-I Antibodies in Feral Populations of East African Vervet Monkeys (*Cercopithecus aethiops*), *International Journal of Cancer*. 38:523-530. 1986  
<http://www3.interscience.wiley.com/cgi-bin/abstract/112709565/ABSTRACT>
- Turner, T.R., Mott, C.S. and Maiers, J., Genetic and Morphological Studies on Two Species of Kenyan Monkeys, *Cercopithecus aethiops* and *Cercopithecus mitis*. In J.G. Else and P.C. Lee (eds), *Primate Evolution*. Cambridge University Press. pp. 307-316. 1986.
- 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.  
<http://www3.interscience.wiley.com/cgi-bin/abstract/110482052/ABSTRACT>
- 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.  
<http://www3.interscience.wiley.com/cgi-bin/abstract/110482104/ABSTRACT>
- Jolly, C.J., Turner, T.R., Wiener, A.S. and Socha, W.W., Human type ABO blood group antigens in wild Ethiopian vervet monkeys (*Cercopithecus aethiops*), *Journal of Medical Primatology*, 6:54-57. 1977.  
PMID: 864678 [PubMed - indexed for MEDLINE]

## 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*, In Press, November, 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:

- 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, Seattle, WA October, 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, 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.  
Abstract available at: <http://wwwsoc.nii.ac.jp/psj2/ips/program.html>
- 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  
Abstract available at: <http://wwwsoc.nii.ac.jp/psj2/ips/program.html>
- Danzy, J, JP Grobler, J Lorenz, N Freimer and TR Turner. Geographic variation in scrotal coloration of vervet monkeys. PEGG, Hogsback, South Africa, 2010.
- 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, CCrowder, 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 Vaggia, 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 vervet monkeys (*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

- 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:

- 2009-2010 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  
 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

#### 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)  
 Tegan Gaetano (in process)  
 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  
 Carol Mott (completed, 1987)  
 Dawn St. George (completed, 1997)  
 Christine Ruth (completed, 1998)  
 Alejandra Estrin (completed, 2008)  
 Jennifer Danzy (in process)  
 Kerry MacAuliffe Dore (in process)  
 Jeffrey Nelson (in process)  
 Kerry Slater (University of Pretoria, completed, 2007)  
 Ph.D. Minor Advisor  
 Nina Thumser (Biology, completed, 1993)  
 Gaye Rheinartz (Biology, completed, 1997)

#### OTHER PROFESSIONAL ACTIVITIES:

2010	NSF Panel Member, IGERT pre-proposals
2003	NSF Panel Member IGERT full proposal
2001-2002	American Anthropological Association Task Force considering the book, <i>Darkness in El Dorado</i> . The Task Force produced a 400 page report available at <a href="http://www.aaanet.org">http://www.aaanet.org</a>
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

## 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

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  
 2004-2007 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

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