

## CURRICULUM VITAE

### Mark F. Teaford

Professor, Program in Functional Anatomy and Evolution  
Director, Human Gross Anatomy Course  
The Johns Hopkins University  
School of Medicine  
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Adjunct Professor  
Department of Biology  
Johns Hopkins University  
Baltimore, MD 21218

Adjunct Professor  
Department of Anthropology  
University of Arkansas  
Fayetteville, AR 72701

#### Research Interests:

Anatomy -	human gross anatomy, comparative primate anatomy
Dental Morphology -	functional interpretations of primate occlusal morphology, dental wear, and dental microstructure
Paleoanthropology -	African Miocene-Pliocene, functional morphology of fossil primates, paleoecological interpretations
Primate Behavior & Ecology -	feeding behavior, locomotion

#### Education:

University of Pennsylvania, B.A. (Anthropology), 1973  
University of Illinois, M.A. (Anthropology), 1977  
University of Illinois, Ph.D. (Anthropology), 1981

#### Previous Positions:

Teaching Assistant (Anthropology), University of Illinois at Urbana-Champaign, Fall 1975 - Fall 1978  
Visiting Lecturer (Anthropology), University of Illinois at Urbana-Champaign, Spring 1978 - Fall 1979  
Research Associate (Cell Biology & Anatomy), The Johns Hopkins University School of Medicine, Fall 1980 - Summer 1981  
Postdoctoral Fellow (Cell Biology & Anatomy), The Johns Hopkins University School of Medicine, Fall 1981 - Summer 1983  
Instructor (Cell Biology & Anatomy), The Johns Hopkins University School of Medicine, Fall 1983 - Summer 1984  
Assistant Professor (Cell Biology & Anatomy), The Johns Hopkins University School of Medicine, Fall 1984 - Fall 1990  
Associate Professor (Cell Biology & Anatomy), The Johns Hopkins University School of Medicine, Winter 1991 - Fall 1997

## Teaching Experience:

Undergraduate: Introduction to Biological Anthropology  
Biological Basis of Human Behavior  
Human Evolution  
Primate Behavior and Ecology  
Human Anatomy  
Graduate: Skeletal Biology  
Primate Morphology and Behavior  
Primate and Human Evolution  
Med. School: Human Gross Anatomy

## Professional Service:

### Student Advising and Thesis Supervision:

1984-85, Marie Dauheimer - "An Anatomical Study of the Leg and Foot in *Aotus trivirgatus*, the night monkey (Mammalia, Primates)". M.A. Thesis, The Johns Hopkins University.

1987-88, Jill Bullington - "Deciduous Dental Microwear in Middle Woodland and Mississippian Populations from the Lower Illinois River Valley". Ph.D. Thesis, Northwestern University.

1988-91, Carol Ward - "The Functional Anatomy of the Lower Back and Pelvis of the Miocene Hominoid *Proconsul nyanzae* from the Miocene of Mfangano Island, Kenya". Ph.D. Thesis, The Johns Hopkins University.

1990-92, Peter Ungar - "Anterior Dental Microwear and Tooth Use Among Sumatran Anthropoid Primates". Ph.D. Thesis, State University of New York, Stony Brook.

1990-92, Christopher Pine - "Tooth Wear in Patients Beginning Orthodontic Therapy". M.A. in Orthodontics, University of Maryland.

1990-93, Robert Pastor - "Dental Microwear Among Prehistoric Inhabitants of the Indian Subcontinent: A Quantitative and Comparative Analysis". Ph.D. Thesis, University of Oregon.

1995-2002, Vivian Noble - "Dental Microwear in Sympatric African Cercopithecoids - Implications for Future Research"

2005-2006, Peter Ma - "Diet Reconstruction in Antebellum Baltimore: Insights from Dental Microwear Analysis". M.A. Thesis, Johns Hopkins University

2006-2007, Jessica Scott - "Dental Microwear Texture Analysis of the Archaeolemurids and Megaladapids, Two Families of Subfossil Lemurs from Madagascar", M.A. Thesis, University of Arkansas.

2002-2007, Jason Organ - "Functional Anatomy of Prehensile Tails in Primates and other Mammals", PhD Thesis, Johns Hopkins University.

2000-present, Tonya Penkrot - "Paleoecological Inferences on Paleocene-Eocene Condylarths using Dental Morphometrics", PhD Thesis Johns Hopkins University.

2004-present, Frank Varriale - "Dental Microwear and Diet in Ceratopsian Dinosaurs", PhD Thesis, Johns Hopkins University

Editorial Boards:

American Journal of Physical Anthropology: 1991-1997  
American Journal of Primatology: 2000-2003  
Journal of Human Evolution: 1991-1993

Manuscripts reviewed for:

Acta Anatomica  
American Anthropologist  
American Journal of Physical Anthropology  
American Journal of Primatology  
Archives of Oral Biology  
Clinical Anatomy  
Current Anthropology  
Elsevier Churchill Livingstone  
Folia Primatologica  
Historical Biology  
International Journal of Osteoarchaeology  
International Journal of Primatology  
Johns Hopkins University Press  
Journal of Archaeological Science  
Journal of Dental Research  
Journal of Human Evolution  
Journal of Mammalogy  
Palaeogeography, Palaeoclimatology, Palaeoecology  
Palaios  
Primates  
Proceedings of the National Academy of Sciences  
Proceedings of the Royal Society, London  
Scanning Microscopy  
Science  
W.W. Norton Company  
Yearbook of Physical Anthropology

Grants reviewed for:

National Geographic Society  
National Science Foundation  
National Institutes of Health - National Institute of Dental Research  
Natural Environment Research Council (NERC)  
L.S.B. Leakey Foundation  
The Wellcome Trust  
Wenner-Gren Foundation for Anthropological Research

Committee and administrative service:

University of Illinois:

Departmental:

Admissions and Financial Aid - 1974, 1976  
Search Committee for a Biological Anthropologist - 1976, 1978  
Open House Committee - 1977

The Johns Hopkins University:

Medical School:

Medical School Council - 1987-1989  
Committee on Cultural Affairs - 1987-1989  
M.A./Ph.D. Committee - 1995-1997

Committee and administrative service (cont.):

Search Committee – Dean of Student Affairs - 2005  
Educational Policy Committee - 1997- present  
First Year Student Promotions Committee - 1997- present  
Curricular Reform Committee – 2005-2007  
Scientific Foundations of Medicine Committee – 2005-2007  
Genes to Society Oversight Committee – 2006-2008  
Genes to Society Integration Committee – 2008- present  
Professorial Promotions Committee – 2005 – present  
Education Building Steering Committee – 2005 – present

Departmental:

Anatomy Faculty Search Committee - 1985, 1986, 1995  
Anatomy Graduate Student Advisor - 1987-1988  
Director, Graduate Program in Functional Anatomy and Evolution - 1995-96  
Director, Human Gross Anatomy Course - 1997-present

American Association of Physical Anthropologists:

Nominations Committee - 1990, 1993  
Search Committee for Editor of American Journal of Physical Anthropology - 1994  
Program Committee - 1996-1997  
Vice President and Program Chair - 1998-2000  
Career Development Committee - 1997-2007  
Annual Auction, founder & organizer – 2008- present

State of Maryland: Anatomy Board - 1994-present

Chairman – 2000 - present

Invited Scientific Talks:

Santa Clara University, Spring 1980  
University of North Dakota, Spring 1980  
The Johns Hopkins University, Spring 1980  
Harvard University, Fall 1981  
Oral Roberts University, Summer 1983  
Gordon Conference on Diet and Human Evolution, Winter 1984  
Smithsonian Institution, Spring 1984  
Yale University, Fall 1984  
Wake Forest University, Summer 1985  
S.U.N.Y. Stony Brook, Winter 1986  
University of Illinois, Fall 1986  
Dickinson College, Spring 1987  
National Institute of Dental Research, Spring 1988  
Northwestern University, Spring 1988  
The University of Chicago, Spring 1988  
Koobi Fora Field School, Nairobi, Kenya, Summer 1988, Summer 1991  
Smithsonian Institution, Washington, DC, Spring 1989  
Chesapeake Society for Electron Microscopy, Baltimore, MD, Spring 1989  
Institute of Human Origins, Berkeley, CA, Spring 1989  
University of California, Berkeley, CA, Spring 1989  
National Institute of Dental Research, Bethesda, MD, Spring 1989  
Frostburg State University, Frostburg, MD, Spring 1989  
University of Maryland School of Dentistry, Baltimore, MD, Summer 1989  
Karthause Ittingen Symposiu, Zurich, Switzerland, Fall 1989  
Johns Hopkins University, Dept. of Biophysics, Baltimore, MD, Fall 1989  
S.U.N.Y. Stony Brook, Stony Brook, NY, Fall 1989  
National Museum of Kenya, Nairobi, Kenya, Winter 1990  
Institute of Human Origins, Berkeley, CA, Summer 1990  
U.S. Army Institute of Dental Research, Ft. Meade, MD, Fall 1990

Invited Scientific Talks (cont.):

Duke University, Durham, NC, Winter 1991  
Eastman Dental Center, University of Rochester, Rochester, NY, Summer 1992  
University of North Carolina School of Dentistry, Chapel Hill, NC, Fall 1992  
University of Illinois, Urbana, IL, Fall 1992  
City University of New York, NYC, Spring 1993  
Invited Symposium Organizer (“Teeth: Homeoboxes to Function”), International Congress of Vertebrate Morphology, Chicago, IL, Summer 1994  
University of Pennsylvania, Philadelphia, PA, Spring 1995  
University of Texas Health Sciences Center, Dept. of Orthodontics, San Antonio, TX, Summer 1995  
Keynote Speaker, Appalachian Regional Microscopy Society, Greenville, SC, Spring 1996  
Invited Panel Member, Workshop on “Career Strategies and Opportunities in Physical Anthropology”, Meetings of American Association of Physical Anthropologists, St. Louis, MO, Spring 1997  
Organizer, Workshop on “Grantsmanship in Physical Anthropology”, Meetings of American Association of Physical Anthropologists, Salt Lake City, UT, Spring 1998  
State University of New York, Stony Brook, NY, Spring 2000  
George Washington University, Washington, DC, Spring 2000  
Northeast Ohio Universities College of Medicine, Fall 2001  
Stony Brook University, Spring 2002  
Duke University, Fall 2002, Spring 2003  
University of Arkansas, “The Evolution of Human Diet: The Known, the Unknown, and the Unknowable” – Summer 2004  
University of Minnesota, Fall 2004  
“Dental Perspectives on Human Evolution,” Leipzig, Germany – Spring 2005  
Biophysics Department, Johns Hopkins University – Spring, 2007  
Comparative Medicine Department, Johns Hopkins University – Spring, 2007  
Tri-Beta Honor Society, Johns Hopkins University – Spring 2007  
Invited Speaker, “Evolution of Human Diet” Series, George Washington University / Smithsonian Institution – Spring, 2007  
Invited Speaker, International Congress of Vertebrate Morphology, Paris, France – Summer 2007  
Invited Session Chairman, International Symposium on Dental Morphology, Greifswald, Germany – Summer 2008  
Invited Session Chair & Organizer, symposium on human evolution, American Association of Anatomists, Anaheim, CA – Spring 2010

Seminars to Local Schools, Libraries, etc.:

University High School, Urbana, IL, Spring 1976  
Southwestern Elementary School, Champaign, IL, Spring 1977  
Central Middle School, Champaign, IL, Fall 1978  
Urbana Public Library, Urbana, IL, Spring 1979  
Park School, Baltimore, MD, Winter 1985, Fall 1985, Winter 1986, Winter 1988, Winter 2007, Winter 2009  
Calvert Hall College, Towson, MD, Spring 1985  
Chagrin Falls Middle School, Chagrin Falls, OH, Winter 1987  
Baltimore County Public Library, Towson, MD, Summer 1988  
Cathedral School, Baltimore, MD, Winter 1992, Spring 1993, Spring 1994, Winter 1995, Winter 1997, Spring 1998, Winter 1999, Spring 1999  
Perry Hall Middle School, Baltimore, MD, Winter 1992  
Western High School, Baltimore, MD, Spring 1997  
Maryvale Preparatory School, Brooklandville, MD, Spring 1999, Spring 2000, Winter 2009  
Dr. Samuel L. Banks High School, Baltimore, MD – Fall 2006

### Membership in Professional Associations:

American Association of Physical Anthropologists  
American Association of Anatomists  
American Association of Clinical Anatomists  
Society of Vertebrate Paleontology

### Grants and Awards:

Graduated with honors in anthropology (U. of Pennsylvania) - May 1973  
Fellowship in biopsychology (U. of Illinois) - Summer 1974 through Summer 1977  
U. of Illinois, Dept. of Anthropology Grant for Research - Summer 1975, Spring 1978, Summer 1978  
U. of Illinois, Graduate College Dissertation Research Grant - November 1978  
Sigma Xi, Grant-in-Aid of Research - December 1978  
The Whitaker Foundation, Research Grant - "Dental Development and Wear in *Macaca mulatta*" (November 1981 through February 1984) - \$22,651  
N.I.H. (National Institutes of Dental Research), Post-Doctoral Fellowship - January 1982 through June 1984  
Johns Hopkins University Institutional Research Grant - "Dental Development and Wear in *Cercopithecus aethiops*" (March 1984 through March 1985) - \$5,000  
N.I.H. (N.I.D.R.), New Investigator Research Award - "Tooth Wear and Tooth Use in *Cercopithecus aethiops*" (April 1985 through March 1988) - \$107,495  
N.S.F. (Anthropology), Research Grant (Co-P.I. with Alan Walker) - "Analyses of New Miocene Hominoids from Western Kenya" (July 1988 through June 1991) - \$118,008  
L.S.B. Leakey Foundation, Research Grant - "Dental Microwear and the Plio-Pleistocene Cercopithecines of the Omo Valley" (March 1, 1989 through September 1, 1990) - \$4,000  
N.S.F. (Anthropology), Research Grant - "Dental Microwear and Plio-Pleistocene Cercopithecoids" (July 1989 through June 1992) - \$149,000  
Johns Hopkins University Institutional Research Grant - "A New Approach to the Study of Tooth Wear: Clinical Pilot Work" (February 1, 1992 - January 1994) - \$12,199  
N.S.F. (Anthropology), Research Grant - "Dental Microwear and Diet in Live, Wild-Trapped *Alouatta* from Costa Rica" (March 1, 1992 - February 28, 1995) - \$248,809  
N.S.F. (Anthropology), Research Experience for Undergraduates (REU) Supplement to Costa Rican Grant (June - August 1992) - \$4,000  
N.S.F. (Anthropology), Research Grant (with Chris Ruff as Co-PI) - "Dental Microwear and Limb Bone Biomechanical Analyses" (July 1, 1993 - August 31, 1995) - \$42,760; subcontract on grant to Clark Larsen, U. of North Carolina, Chapel Hill, "Bioarchaeological Investigation of Native Responses to European Colonization of La Florida"  
N.S.F. (Anthropology), Research Experience for Undergraduates (REU) Supplement to Costa Rican Grant (June 1994 - August 1994) - \$4,000  
N.S.F. (Anthropology), Research Grant - "Effects of Tooth Use on Tooth Shape, Structure, and Wear" (August 1, 1996 - November 30, 1999) - \$247,249  
N.I.H. (N.I.D.R.) Research Grant - "Psychosocial Stress, Bruxism, and Myofascial TMD", (September 1, 1996 - August 31, 1999) - \$111,909 (subcontract on grant to Karen Raphael at University of Medicine and Dentistry of New Jersey)  
N.S.F. (Anthropology), Research Experience for Undergraduates (REU) Supplement to Costa Rican Grant (June 1997 - August 1997) - \$3,635  
N.S.F. (Anthropology), Research Grant - "Coastal Estuarine Biocultural Adaptation" (August 1, 1997 - July 31, 1999) - \$32,496 (subcontract on grant to Dale Hutchinson at East Carolina University)  
N.S.F. (Anthropology), Grant for Support of Meeting (Co-PI with Dr. Peter Ungar, University of Arkansas) - "On-line Symposia: The Evolution of Human Diet" (March 1, 1998 - September 30, 1998) - \$14,984  
N.S.F. (Anthropology), Research Grant (Co-PI with Dr. Peter Ungar, University of Arkansas and Dr. Fred Grine, S.U.N.Y. at Stony Brook) - "Tooth Use and Tooth Wear in the Early Hominids of Africa" (July 1, 1998 - June 30, 2001) - \$38,294 (subcontract on grant to Dr. Peter Ungar at University of Arkansas)  
Hong Kong University – Dr. S.T. Huang-Chan Memorial Lectureship, November, 1998

### Grants and Awards (continued):

- N.S.F. (Anthropology), Research Grant (Co-PI with Dr. Peter Ungar, University of Arkansas) – “Three-Dimensional Analysis of Dental Microwear in Primates” (July 1, 2003 – June 30, 2005) - \$86,727  
Johns Hopkins University School of Medicine, W. Barry Wood, Jr. Award, for Outstanding Preclinical Teaching - 2004  
Johns Hopkins University School of Medicine, Professor’s Award for Excellence in Teaching in the Preclinical Sciences, 2005-2006.  
N.S.F. (Anthropology), Dissertation Improvement Grant to Jason Organ, “The Functional Anatomy of Prehensile and Nonprehensile Tails: Internal Architecture of Caudal Vertebrae and Musculature (March 15, 2006 – August 31, 2007)  
Johns Hopkins University, Center for Educational Resources, Technology Fellowship for the development of anatomy assignments in WebCT (June, 2007 – October, 2007)  
N.S.F. (Anthropology), Research Grant (Co-P.I. with Dr. Susan Williams, Ohio University, Dr. Chris Vinyard, NEOUCOM, Dr. Ken Glander, Duke University) – “Ecological and Functional Morphology of Feeding in Free-Ranging Mantled Howling Monkeys” (September 1, 2007 – August 31, 2009) - \$91,784  
L.S.B. Leakey Foundation (Co-P.I. with Dr. Peter Ungar, University of Arkansas) – “Baseline Series to Interpret Dental Microwear Textures of Early Hominids” (July 1, 2008 – June 30, 2009) - \$15,000.  
N.S.F. (Anthropology), Research Grant (Co-P.I. with Dr. Timothy Weihs, Johns Hopkins University) “Correlating the Performance of Primate Enamel to Variations in its Chemistry, Structure and Properties” (July 1, 2008 – June 30, 2009) - \$75,000.

### Dissertation:

Teaford, M.F. (1981) Molar wear patterns in *Macaca fascicularis*, *Presbytis cristatus*, and *Presbytis rubicunda*: a photogrammetric analysis. Ann Arbor: University Microfilms (#DA8203613). 276 pp.

### Publications (Articles):

Teaford, M.F. (1982) Differences in molar wear gradient between juvenile macaques and langurs. Am. J. Phys. Anthropol. 57: 323-330.

Teaford, M.F. (1983a) The morphology and wear of the lingual notch in macaques and langurs. Am. J. Phys. Anthropol. 60: 7-14.

Teaford, M.F. (1983b) Differences in molar wear gradient between adult macaques and langurs. Int. J. Primatol. 4: 427-444.

Teaford, M.F. and Walker, A. (1983a) Prenatal jaw movements in the guinea pig, *Cavia porcellus*, evidence from patterns of tooth wear. J. Mammal. 64: 534-536.

Teaford, M.F. and Walker, A. (1983b) Dental microwear in adult and still-born guinea pigs (*Cavia porcellus*). Arch. Oral Biol. 28: 1077-1081.

Teaford, M.F. and Walker, A. (1984) Quantitative differences in dental microwear between primate species with different diets and a comment on the presumed diet of *Sivapithecus*. Am. J. Phys. Anthropol. 64: 191-200.

Teaford, M.F. (1985) Molar microwear and diet in the genus *Cebus*. Am. J. Phys. Anthropol. 66: 363-370.

Teaford, M.F. (1986) Dental microwear and diet in two species of *Colobus*. In Primate Ecology and Conservation. J. Else and P. Lee (eds.). Cambridge: Cambridge University Press. pp. 63-66.

Articles (continued):

Walker, A.C., Teaford, M.F. and Leakey, R.E. (1986) New information concerning the R114 *Proconsul* site, Rusinga Island, Kenya. *In Primate Evolution*. J. Else and P. Lee (eds.). Cambridge: Cambridge University Press. pp. 143-149.

Garber, P.A. and Teaford, M.F. (1986) Body weights in mixed species troops of *Saguinus mystax mystax* and *Saguinus fuscicollis nigrifrons* in Amazonian Peru. *Am. J. Phys. Anthropol.* 71: 331-336.

Beard, K.C., Teaford, M.F. and Walker, A. (1986) New wrist bones of *Proconsul africanus* and *Proconsul nyanzae* from Rusinga Island, Kenya. *Folia Primatol.* 47: 97-118.

Teaford, M.F. (1988a) A review of dental microwear and diet in modern mammals. *Scanning Microsc.* 2(2): 1149-1166. (Reprinted in *Scanning Microscopy of Vertebrate Mineralized Tissues*, edited by L. Martin, A. Boyde, F. Grine, and S. Jones, Chicago: Scanning Microscopy International, pp. 287-304.)

Teaford, M.F. (1988b) Scanning electron microscope diagnosis of wear patterns versus artifacts on fossil teeth. *Scanning Microsc.* 2(2): 1167-1175. (Reprinted in *Scanning Microscopy of Vertebrate Mineralized Tissues*, edited by L. Martin, A. Boyde, F. Grine, and S. Jones, Chicago: Scanning Microscopy International, pp. 331-339.)

Teaford, M.F. (1988c) Is tooth wear a correlate of composite microwear? *J. Prosth. Dent.* 60: 400.

Gebo, D.L., Beard, K.C., Teaford, M.F., Walker, A., Larsen, S.G., Jungers, W.L. and Fleagle, J.G. (1988) A hominoid proximal humerus from the Early Miocene of Rusinga Island, Kenya. *J. Hum. Evol.* 17: 393-401.

Teaford, M.F., Beard, K.C., Leakey, R.E. and Walker, A. (1988) New hominoid facial skeleton from the Early Miocene of Rusinga Island, Kenya, and its bearing on the relationship between *Proconsul nyanzae* and *Proconsul africanus*. *J. Hum. Evol.* 17: 461-477.

Walker, A. and Teaford, M.F. (1988) The Kaswanga primate site: an Early Miocene site on Rusinga Island, Kenya. *J. Hum. Evol.* 17: 539-544.

Solounias, N., Teaford, M.F. and Walker, A. (1988) Interpreting the diet of extinct ruminants: the case of a non-browsing giraffid. *Paleobiol.* 14: 287-300.

Walker, A. and Teaford, M.F. (1989) The hunt for *Proconsul*. *Scient. Am.* 260: 76-82.

Teaford, M.F. and Oyen, O.J. (1989a) Live primates and dental replication: new problems and new techniques. *Am. J. Phys. Anthropol.* 80: 73-81.

Teaford, M.F. and Oyen, O.J. (1989b) Differences in the rate of molar wear between monkeys raised on different diets. *J. Dent. Res.* 68: 1513-1518.

Teaford, M.F. and Oyen, O.J. (1989c) *In vivo* and *in vitro* turnover in dental microwear. *Am. J. Phys. Anthropol.* 80: 447-460.

Ruff, C.B., Walker, A. and Teaford, M.F. (1989) Body mass, sexual dimorphism and femoral proportions of *Proconsul* from Rusinga and Mfangano Islands, Kenya. *J. Hum. Evol.* 18: 515-536.

Walker, A. and Teaford, M.F. (1989) Inferences from quantitative analysis of dental microwear. *Folia Primatol.* 53: 177-189.

Teaford, M.F. and Byrd, K.E. (1989) Differences in tooth wear as an indicator of changes in jaw movement in the guinea pig, *Cavia porcellus*. *Arch. Oral Biol.* 34: 929-936.

Articles (continued):

- Van Valkenburgh, B., Teaford, M.F. and Walker, A. (1990) Molar microwear in large carnivores. J. Zool. 222: 319-340.
- Teaford, M.F. (1991) Dental microwear what can it tell us about diet and dental function? In Advances in Dental Anthropology. M.A. Kelley and C.S. Larsen, eds. New York: Alan R. Liss, pp. 341-356.
- Teaford, M.F. (1991) Measurements of teeth using the Reflex Microscope. S.P.I.E. Vol. 1380 Biostereometric Technology and Applications, pp. 33-43.
- Teaford, M.F. and Tylenda, C.A. (1991) A new approach to the study of tooth wear. J. Dent. Res. 70: 204-207.
- Grine, F.E., Leakey, R.E., Teaford, M.F. and Walker, A. (1991) The KNM-WT 17000 premolar. J. Hum. Evol. 20: 505-513.
- Teaford, M.F. and Glander, K.E. (1991) Dental microwear in live, wild-trapped *Alouatta* from Costa Rica. Am. J. Phys. Anthropol. 85: 313-319.
- Ward, C.V., Walker, A. and Teaford, M.F. (1991) *Proconsul* did not have a tail. J. Hum. Evol. 21: 215-220.
- Teaford, M.F. and Runestad, J.A. (1992) Dental microwear and diet in Venezuelan primates. Am. J. Phys. Anthropol. 88: 347-364.
- Beard, K.C., Teaford, M.F. and Walker, A. (1993) New hand bones of the Miocene hominoid *Proconsul* and their implications for the evolution of the hominoid wrist. Hum. Evol.
- Teaford, M.F. (1993). Dental microwear and diet in extant and extinct *Theropithecus*: preliminary analyses. In Theropithecus: the Life and Death of a Primate Genus. N.G. Jablonski, ed. Cambridge, England: Cambridge University Press, pp. 331-349.
- Ward, C.V., Teaford, M.F. and Walker, A. (1993) Associated postcranial remains of *Proconsul nyanzae* from Mfangano Island, Kenya. Am. J. Phys. Anthropol. 90: 77-111
- Runestad, J.A., Ruff, C.B., Thorington, R.W. and Teaford, M.F. (1993) Estimation of cross-sectional geometric properties from biplanar radiographs in long bone diaphyses of smaller mammalian species. Am. J. Phys. Anthropol. 90: 207-213.
- Teaford, M.F., Walker, A. and Mugaisi, G. (1993) Species discrimination in *Proconsul* from Rusinga and Mfangano Islands, Kenya. In Species, Species Concepts, and Primate Evolution. W.H. Kimbel and L.B. Martin, eds. New York: Plenum Press. pp. 373-392.
- Walker, A., Teaford, M.F., Martin, L.B. and Andrews, P. (1993) A new species of *Proconsul* from the Early Miocene of Rusinga/Mfangano Islands, Kenya. J. Hum. Evol. 25: 43-56.
- Begun, D.R., Teaford, M.F. and Walker, A. (1994) Comparative and functional anatomy of *Proconsul* phalanges from the Kaswanga Primate Site, Rusinga Island, Kenya. J. Hum. Evol. 26: 89-165.
- Lucas, P.W. and Teaford, M.F. (1994) The functional morphology of colobine teeth. In Colobine Monkeys: Their Evolutionary Ecology. J. Oates and A.G. Davies, eds. Cambridge University Press. pp. 173-203.
- Teaford, M.F. (1994) Dental microwear and dental function. Evol. Anthropol. 3: 17-30.
- Ungar, P.S., Teaford, M.F., Pastor, R.F. and Glander, K.E. (1995) Dust accumulation in the canopy: implications for the study of dental microwear in primates. Am. J. Phys. Anthropol. 97: 93-99.

Articles (continued):

- Lucas, P.W. and Teaford, M.F. (1995) Significance of silica in leaves eaten by long-tailed Macaques (*Macaca fascicularis*). Folia Primatol. 64: 30-36.
- Ward, C.V., Ruff, C.B., Walker, A. and Teaford, M.F. (1995) Functional morphology of *Proconsul* patellas from Rusinga Island, Kenya, with implications for other Miocene-Pliocene catarrhines. J. Hum. Evol. 29: 1-19.
- Ungar, P.S. and Teaford, M.F. (1996) A preliminary examination of non-occlusal dental microwear in anthropoids: implications for the study of fossil primates. Am. J. Phys. Anthropol. 100: 101-113.
- Teaford, M.F. and Lytle, J.D. (1996) Diet-induced changes in rates of human tooth microwear: a case study involving stone-ground maize. Am. J. Phys. Anthropol. 100: 143-147.
- Teaford, M.F., Maas, M.C. and Simons, E.L. (1996) Dental microwear and microstructure in early Oligocene Fayum primates: implications for diet. Am. J. Phys. Anthropol. 101: 527-543.
- Teaford, M.F. and Glander, K.E. (1996) Dental microwear and diet in a wild population of mantled howlers (*Alouatta palliata*). In Adaptive Radiations of Neotropical Primates. M. Norconk, A. Rosenberger, and P. Garber, eds. New York: Plenum Press, pp. 433-449.
- Larsen, C.S., Teaford, M.F. and Sandford, M.K. (1997) Teeth as tools at Tutu: Extramasticatory behavior in prehistoric St. Thomas, U.S. Virgin Islands. In Albert Dahlberg Memorial Volume on Dental Morphology and Evolution. J.R. Lukacs and G.R. Scott, eds. Chicago: University of Oregon Press.
- Teaford, M.F. (1999) Program of the Sixty-Eighth Annual Meeting of the American Association of Physical Anthropologists. Am. J. Phys. Anthropol. Suppl. 28, pp. 1-80.
- Teaford, M.F. (2000) Program of the Sixty-Ninth Annual Meeting of the American Association of Physical Anthropologists. Am. J. Phys. Anthropol. Suppl. 30, pp. 1-90.
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