July 16, 2014

## RUSSELL HOWARD TUTTLE

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Professor of Anthropology and in the Committee on Evolutionary Biology, the Morris Fishbein Center for the History of Science and Medicine, the Biological Sciences Collegiate Division and the Social Sciences Collegiate Division.

The University of Chicago, Chicago, Illinois.

# **Education and Professional Appointments:**

B.Sc. *cum laude*, Ohio State University, 1961. Major field: Anatomy-Physical Anthropology.

M.A. Ohio State University, 1962. Anthropology

Ph.D. University of California, Berkeley, 1965 Major fields: History and Theory of Human Evolution; Primatology: Morphology, Behavior, and Evolution; Peoples and Cultures of Sub-Saharan Africa.

Instructor, Assistant Professor, Associate Professor and Professor The University of Chicago: 1964-present.

Executive Committee Member for Associated Colleges of the Midwest (ACM) Tanzania Program, 1998-2008.

Director (and initiator), ACM-Tanzania Program of Studies in Human Evolution and Ecology, 1998.

Director (and initiator), Paris Program on Primates and Human Evolution, Paris Center of the University of Chicago, 2008-

Campus Program Advisor, ACM Tanzania Studies in Human Evolution and Ecology, 1998-

Advisor for Human Evolution, *Encyclopaedia Britannica* Core Restoration Program, 1999.

Curriculum Committee, College of the University of Chicago, 2003-2007.

Governing Committee of the Social Sciences Collegiate Division of the University of Chicago, 2003-.

Director of Undergraduate Studies in Anthropology, U. Chicago, 2002-

College Council of the University of Chicago, 2002-2003; 2004-2007. 2009-2010

Committee to Assess the Environmental Studies Program at the University of Chicago, 2006.

Chair, Scientific Advisory Board of the Great Ape Trust, Des Moines, IA (2006)

Editorial Board of Evolutionary Biology 2006-

Faculty Advisory Board of the Civic Knowledge Project, 2007-

Research Associate in Anthropology, Field Museum of Natural History, 2011-2015.

### **Honors and Major Grants:**

Phi Beta Kappa

Sigma Xi

Medal of the Fondation Singer-Polignac (1990)

Medallion of the Collège de France (1995)

Professor of the Year, 2003, Zeta Eta Chapter of Delta Gamma Fraternity

AAA-McGraw-Hill Award for Undergraduate Teaching of Anthropology (2003)

Elected Fellow, American Association for the Advancement of Science (2004)

The Llewellyn John & Harriet Manchester Quantrell Award for Excellence in Undergraduate Teaching (2006)

Distinguished Primatologist Award, Midwest Primate Interest Group (MPIG) at FMNH September 24, 2010.

Charles R. Darwin Lifetime Achievement Award from the American Association of Physical Anthropologists April 11, 2014.

Lifetime Membership based on 50 years as a member of the American Association for the Advancement of Science (2014).

Research Grants from the National Science Foundation for studies on the functional and evolutionary biology of primate hands and feet (1966-1970) and for electromyographic studies of great ape locomotion (1970-1977).

Three grants from the Wenner-Gren Foundation for Anthropological Research for studies on free-ranging primates in Sri Lanka (1966) and Zimbabwe (1965) and eastern Africa (1969).

Public Health Service Research Career Development Award: 1968-73.

Sponsorship of Burg Wartenstein Symposium No. 48 on "Functional and Evolutionary Biology of Primates: Methods of Study and Recent Advances: by Wenner-Gren Foundation for Anthropological Research: 1970.

Visiting Research Professorship sponsored by the Japan Society for the Promotion of Science. August-September, 1974 and March-June, 1980.

Guggenheim Fellowship, 1985-86: The evolution of human upright walking.

NSF Research Grant, 1985-88: Footprints and gaits of pygmoid people, orthopedic patients, and Pliocene Hominidae.

Rockefeller Foundation, NSF and Wenner-Gren Foundation Grants to support a Bellagio Conference (June 5-9, 1995) on *Preservation and Use of Olduvai Gorge, Laetoli, Rock Art and other Paleoanthropological Resources in Tanzania*. The Rockefeller Foundation also provided a \$25,000 innovation grant to prepare documentary and promotional films based on the conference.

Named Patron of the Tanzania Association of Archaeologists and Palaeoanthropologists (March, 1995).

National Geographic Society, 1998: Plio-Pleistocene Behavioral Ecology and Evolution in Northern Tanzania

### **Laboratory and Field Research Experience:**

Yerkes Regional Primate Research Center, Orange Park, Fla. and Atlanta, Ga., 1963-1968; 1970-1975.

National Center for Primate Biology, Davis, Calif., 1966-68.

Delta Regional Primate Research Center, Covington, La., 1966.

Anthropologischen Institut der Universität, Zürich, 1966, 1970.

Japan Monkey Center, 1966.

Southwest Foundation for Research and Education, San Antonio, Texas, 1967.

Rehabilitation Research and Training Center, Atlanta, Ga., 1970-1975,

10 week study of baboons and other savanna mammals in Zimbabwe, June to August, 1965.

6 week study of langurs and other Oriental fauna in Sri Lanka, August to September, 1966.

10 week study of baboons and other mammals in Kenya and Tanzania, June to August, 1969.

Study of the Late Miocene hominoid fossils from Potwar, Pakistan (at Yale University, New Haven, Conn.) and Pliocene hominid fossils from Hadar, Ethiopia (at the Cleveland Museum of Natural History), December, 1979.

Study of casts of bipedal trails from Laetoli sites G and A, with M. D. Leakey at Olduvai Gorge; examination of South African Hominidae in Johannesburg and Pretoria; and study of fossil Hominoidea at the Kenya National Museums, September, 1981, and April, 1986.

Study of Wally Naughtin's bipedal bears with Ringling Bros. Circus, September, 1982.

Kinesiological studies of gibbons and macaques, Osaka University, Suita, Japan March-June, 1980. Japan Society for the Promotion of Science.

Observations on Japanese macaques of Koshima Island, Japan, and electromyographic studies on bipedal gibbon at the Primate Research Institute of Kyoto University, Inuyama, Japan, August to September, 1974. Japan Society for the Promotion of Science.

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Study of feet, footprints and gaits of bipedal chimpanzees, gorillas, and gibbons at Yerkes Regional Primate Research Center, Atlanta, Ga. August-September, 1983.

Study of Neanderthal and early modern human skeletal remains in Israel, England, Belgium, France, Germany, and Yugoslavia, April-May, 1986.

Study of feet, footprints and gaits of Machiguenga Indians, Cuzco Province, Peru, July, 1988.

Study of feet, footprints and gaits of Hadzabe, northern Tanzania, August, 1993.

Preliminary GPS survey with Charles Musiba of Plio-Pleistocene localities at Laetoli and Olduvai Gorge, Tanzania, August, 1996.

Paleoanthropological research at Laetoli, Tanzania, 1998-99, sponsored by the National Geographic Society.

### **Professional Societies:**

American Anthropological Association
Fellow in the American Association for the Advancement of Science
American Association of Physical Anthropologists
American Society of Primatologists
International Primatological Society
Society of Sigma Xi
Phi Beta Kappa

Editor-in-Chief of the International Journal of Primatology (1989-2009)

Editor-in-Chief of *Developments in Primatology: Progress and Prospects* (2001-2009) [Book series]

Member (then Chair) of the American Society of Primatologists Awards and Recognition Committee (2004-2010)

Member of Research Grant Committee of the International Primatological Society (2006-2008)

#### **Publications:**

#### **Books:**

- 1972. The Functional and Evolutionary Biology of Primates (ed.), Aldine-Atherton, Chicago.
- 1975. Primate Functional Morphology and Evolution (ed.) Mouton, The Hague.
- 1975. Paleoanthropology: Morphology and Paleoecology (ed.) Mouton, The Hague.
- 1975. Socioecology and Psychology of Primates (ed.) Mouton, The Hague.
- 1986. Apes of the World: Their Social Behavior, Communication, Mentality, and Ecology, Noyes Publications, Park Ridge, New Jersey.
- 1992. *Topics in Primatology*, vol. 3, *Evolutionary Biology*, *Reproductive Endocrinology and Virology*, Tokyo, Tokyo Univ. Press. (ed. with S. Matano, H. Ishida and M. Goodman).
- 1993. *Hands* by J.R. Napier, Princeton University Press, Princeton, New Jersey (forward, revision and references).
- 2006. *Human Origins and Environmental Backgrounds*. (ed. with H. Ishida, M. Pickford, M. Nakatsukasa and N. Ogihara), Springer, New York.

2014. Apes and Human Evolution. Harvard University Press, 1072 pp.

### Papers:

- 1966. Genetic and selective factors in reduction of the hallux in *Pongo pygmaeus*, *Am. J. Phys. Anthrop.* 24: 191-198 (with C. M. Rogers).
- 1967. Chimpanzee. 1967 McGraw-Hill Yearbook of Science and Technology, p. 132.
- 1967. Knuckle-walking and the evolution of hominoid hands. *Am. J. Phys. Anthrop*. 26:171-206.
- 1968 Waterhole Watching. *Brookfield Banderlog*. No.33:10-11
- 1969. Quantitative and functional studies on the hands of the Anthropoidea. I. The Hominoidea. J. *Morph*. 128: 309-364.
- 1969. Terrestrial trends in the hands of the Anthropoidea: a preliminary report. *Proc.* 2nd Int. Cong. Primat. Atlanta, Ga., Vol. 2, 192-200. Basel: Karger (H. Hofer, ed.)
- 1969. Knuckle-walking and the problem of human origins. Science 166: 953-961.
- 1969. The way apes walk, Science Journal 5A: 66-72.
- 1970. Propulsive and prehensile capabilities in the hands and feet of the great apes: a preliminary report. *Proc. VIIIth Intern. Congr. Anthrop. Ethnol. Sci.*, Science Council of Japan, Tokyo, vol. I, 327-331.
- 1970. Postural, propulsive and prehensile capabilities in the cheiridia of chimpanzees and other great apes. In *The Chimpanzee* (G. H. Bourne, ed.), vol. 2, 167-253.
- 1971. Knuckle-walking and evolution. Yerkes Newsletter 8: 2-3.
- 1972. Knuckle-walking hand postures in an orangutan (*Pongo pygmaeus*). *Nature* 236: 33-34 (with B. Beck).
- 1972. Relative mass of cheiridial muscles in catarrhine primates. In *The Functional and Evolutionary Biology of Primates*, R. Tuttle, ed., pp. 262-291. Chicago: Aldine-Atherton.
- 1972. The behavior of gray langurs at a Ceylonese waterhole. In *The Functional and Evolutionary Biology of Primates*, R. Tuttle, ed., pp. 351-377. Chicago: Aldine-Atherton(with B. Beck).
- 1972. Electromyography of knuckle-walking: results of four experiments on the forearm of *Pan gorilla*. *Amer. J. Phys. Anthrop.* 37: 255-266. (with Basmajian, Regenos and Shine).
- 1972. Functional and evolutionary biology of hylobatid hands and feet. In *Gibbon and Siamang*, vol. I (D. Rumbaugh, ed.). 136-206. Karger, Basel/New York.
- 1973. EMG of locomotion in gorilla and man. In *Control of Posture and Locomotion*, (R. Stein, K. B. Pearson, R. S, Smith, J. B. Redford, (eds.), 599-609. Plenum Press, London. (with J. V. Basmajian).

- 1974. Electromyography of forearm musculature in gorilla and problems related to knuckle-walking. In Primate *Locomotion*, (F. A. Jenkins, Jr., ed.), 293-347. Academic Press, New York. (with J. V. Basmajian).
- 1974. Electromyography of the manual long digital flexor muscles in gorilla. In *Proc.6th Congreso Internacional de Medicina Fisica*, vol. II, 1972. F. Barnosell (ed.). 311-315. Ministerio de Trabajo, Instituto Nacional de Prevision, Madrid (with J. V. Basmajian).
- 1974. Darwin's apes, dental apes, and the descent of man: normal science in evolutionary anthropology. *Current Anthropology* 115: 389-426.
- 1974. Electromyography of brachial muscles in *Pan gorilla* and hominoid evolution. *Amer. J. Phys. Anthrop.* 41: 71-90. (with J. V. Basmajian).
- 1975. Electromyography of the gluteus maximus muscle in gorilla and the evolution of hominid bipedalism. In *Primate Functional Morphology and Evolution*. (R. H. Tuttle, ed.), 253-269. Mouton, The Hague. (with J. V. Basmajian and H. Ishida).
- 1975. Knuckle-walking and knuckle-walkers: a commentary on some recent perspectives on hominoid evolution. In *Primate Functional Morphology and Evolution*. (R. H. Tuttle, ed.), 203-212. Mouton, The Hague.
- 1975. Electromyography of *Pan gorilla* an experimental approach to hominization. *Proceedings from the Symposia of the Fifth Congress of the International Primatological Society* (S. Kondo, M. Kawai, A. Ehara, and S. Kawamura, eds.), 303-314, Japan Science Press Co., Ltd., Tokyo.
- 1975. Parallelism, brachiation, and hominoid phylogeny, In *Phylogeny of the Primates: a Multidisciplinary Approach*. (W. P. Luckett and F. S. Szalay, eds.), 447-480, Plenum, New York.
- 1976. Knuckling behavior in captive orangutans and a wounded baboon. *Amer. J. Phys. Anthrop.* 45: 123-124 (with R. L. Susman).
- 1977. Electromyography of pongid shoulder muscles and hominoid evolution I. Retractors of the humerus and "rotators" of the scapula. *Ybk .Phys. Anthrop.-* 1976, 20: 491-497. (with J. V. Basmajian)
- 1977. Naturalistic positional behavior of apes and models of hominid evolution, 1929-1976. In *Progress in Ape Research* (G. H. Bourne ed.), pp. 277-296. Academic Press, New York.
- 1978. Electromyography of pongid gluteal muscles and hominid evolution. In *Recent Advances in Primatology*. Vol. 3, *Evolution* (D. J. Chivers and K. A. Joysey, eds.), pp. 463-468. Academic Press, London (with J. V. Basmajian and H. Ishida).
- 1978. Activities of hindlimb muscles in bipedal gibbons. In *Recent Advances in Primatology*. Vol. 3, *Evolution* (D. J. Chivers and K. A. Joysey, eds.), pp. 459-462, Academic Press, London (with H. Ishida, M. Okada and T. Kimura).
- 1978. Electromyography of pongid shoulder muscles. II. deltoid, rhomboid and "rotator cuff". *Amer. J. Phys. Anthrop.* 49: 47-56.
- 1978. Electromyography of pongid shoulder muscles. III. quadrupedal positional behavior. *Amer. J. Phys. Anthrop.* 49: 57-70. (with J. V. Basmajian).

- 1979. Activities of pongid thigh muscles during bipedal behavior. *Amer. J. Phys. Anthrop.* 50:123-136. (with J. V. Basmajian and H. Ishida).
- 1979. Anthropology on the move; progress in studies of non-human primate positional behavior. *Ybk. Phys. Anthrop.*—1979, vol. 22: 187-214. (with G. Cortright and D. Buxhoeveden).
- 1979. Dr. Dahlberg, dental anthropology and physical anthropology at the University of Chicago, 1932-1978. *Ossa* 6: 273-276.
- 1981. Evolution of hominid bipedalism and prehensile capabilities. *Phil. Trans. Royal Society*, *London*, B 291: 89-94.
- 1982. Primate locomotor systems: summary of results of the pre-congress symposium in Pisa. In *Advanced Views in Primate Biology* (A. B. Chiarelli & R. S. Corruccini, eds.), pp. 200-205, Springer-Verlag: Berlin (with H. Ishida and S. Borgognini-Tarli).
- 1983. The problem of hominid bipedalism: what do we need in order to proceed? In *Perspectives in Primate Biology* (P. K. Seth,ed.). Today and Tomorrow's Printers & Publishers: New Delhi. pp. 167-174 (with G. Cortright).
- 1983. Electromyography of brachial muscles in *Pan troglodytes* and *Pongo pygmaeus*. *Amer. J. Phys Anthrop*. 61: 75-83. (with M. Velte and J. V. Basmajian).
- 1985. The positional behavior and adaptive complexes of *Pan gorilla*. In *Primate Morphophysiology, Locomotor Analyses and Human Bipedalism*, S. Kondo, ed. Univ. of Tokyo Press: Tokyo, (with D. Watts), pp. 261-28.
- 1985. Bipedal locomotion. *McGraw-Hill Yearbook of Science and Technology 1986*. McGraw-Hill Book Company, New York.
- 1985. Ape footprints and Laetoli impressions. A response to the SUNY claims. In *Hominid Evolution: Past, Present, and Future*. Edited by P. V. Tobias, Alan R. Riss, Inc., New York. pp. 129-133.
- 1986. Physical anthropology. *McGraw-Hill Encyclopedia of Science & Technology*, 6th ed., N.Y. pp. 259-263.
- 1987. Kinesiological inferences and evolutionary implications from Laetoli bipedal trails G-1, G-2/3, and A. In *Laetoli*, a *Pliocene Site in Northern Tanzania* (M. D. Leakey and J. M. Harris, eds.), Clarendon Press, Oxford. pp. 503-523.
- 1988. What's new in African paleoanthropology? Ann. Rev. Anthrop. 1988, 17: 391-426.
- 1988. The positional behavior, adaptive complexes and evolution of *Pongo pygmaeus*. In *Orang-utan Biology* (H. Schwartz, ed.) Oxford University Press, Oxford, pp. 311-330 (with G. Cortright)
- 1988. The hipbone and *Nomina Anatomica*. Amer. J. Phys. Anthrop. 76: 133-134.
- 1988. Comparative anatomy and evolution. In *The Foot*, volume 1. (Helal and D. Wilson, eds.), Churchill Livingstone, Edinburgh, pp. 12-24.

- 1989. Inaugural editorial. Int. J. Primatol. 10: 267-268.
- 1990. The pitted pattern of Laetoli feet. *Natural History*. 3/90: 60-65.\
- 1990. Apes of the world. American Scientist 78:115-125.
- 1990. Further progress on the Laetoli trails. *J. Arch. Sci.* 17: 347-362. (with D. M. Webb, E. Weidl and M. Baksh)
- 1991. Laetoli footprint trails and the evolution of hominid bipedalism. In *Origine(s) de la Bipédie chez les Hominidés* (Y. Coppens and B. Senut, eds.), pp. 187-198. C.N.R.S., Paris (D. M. Webb and N. I. Tuttle)
- 1991. Laetoli toes and Australopithecus afarensis. Human Evolution 6: 193-200.(with D. Webb and M. Baksh)
- 1992. Electromyography of pronators and supinators in great apes. *Am. J. Phys. Anthrop.* 87: 215-226. (with J. Hollowed and J. V. Basmajian)
- 1992. Footprints and gaits of bipedal apes, bears and barefoot people: perspectives on Pliocene tracks. In *Topics in Primatology*, vol. 3, *Evolutionary Biology*, *Reproductive Endocrinology and Virology*. (S. Matano, R.H. Tuttle, H. Ishida & M. Goodman, eds.), pp. 221-242. Univ. Tokyo Press, Tokyo (With D. Webb, N. I. Tuttle and M. Baksh).
- 1992. Hands from newt to Napier. In *Topics in Primatology, vol. 3, Evolutionary Biology, Reproductive Endocrinology and Virology.* (S. Matano, R.H. Tuttle, H. Ishida & M. Goodman, eds.), pp. 3-20. Univ. Tokyo Press, Tokyo.
- 1993. Ape. Academic American Encyclopedia, Vol. 2, Grolier, Danbury, CT, pp. 75-76.
- 1993. Proceedings of the XIV<sup>th</sup> Congress of the International Primatological Society, Palais des Congress, Strasbourg, France, August 16-21, 1992. *International Journal of Primatology* 14: 967-972. (with S.P. Mendoza and D.M. Fragaszy)
- 1994. Up from electromyography: primate energetics and the evolution of human bipedalism. In *Integrative Paths to the Past: Paleoanthropological Advances in Honor of F.Clark Howell* (R.S. Corruccini and R.L. Ciochon, eds.), pp. 269-284. Prentice Hall, Englewood Cliffs, New Jersey.
- 1994. Eulogy Dr. Albert A. Dahlberg. Dental Anthropology Newsletter 8: 3-4.
- 1994. Pendular activity of human upper limbs during slow and normal walking. *Am. J. Phys. Anthrop*. 93: 477-489 (with D. Webb and M. Baksh)
- 1994. Give an arm and a leg for the *Nomina Anatomica*. In *Current Primatology*, vol. 1, *Ecology and Evolution* (B. Thierry, J.R. Anderson, J.J.Roeder, & N. Herrenschmidt, eds.), Université Louis Pasteur, Strasbourg, pp.243-246 (with D.W. Link).
- 1994. Electromyography and elastic mechanisms in kunckle-walking *Pan gorilla* and *Pan troglodytes*. In *Current Primatology*, vol. 1, *Ecology and Evolution* (B. Thierry, J.R. Anderson, J.J.Roeder, & N. Herrenschmidt eds.), Université Louis Pasteur, Strasbourg, pp. 215-222 (with B. Hallgrímsson and J.V. Basmajian).
- 1996. The Laetoli hominid G footprints. Where do they stand today? *Kaupia* 6:97-102.

- 1997. Bipedalism. In *History of Physical Anthropology*. *An Encyclopedia* (F. Spencer, ed.), Garland, New York, pp. 175-179
- 1997. Swift and sure-footed on the savanna: a study of Hadzabe gaits and feet in Northern Tanzania *Am. J. Hum. Biol.* 9: 303-321. (with C. Musiba, B. Hallgrimsson and D.M. Webb).
- 1998. Global Primatology in a New Millennium. *Int. J. Primatol.* 19:1-12.
- 1998. Abstammung des Menschen (Human Being, Origins) In *Die Religion in Geschichte und Gegenwart*, *Vol. 1* (H. D. Betz, D. Browning, B. Janowski, and E. Jüngel, eds.), 4th ed., J.C.B. Mohr (Paul Siebeck), Tübingen, Germany.
- 1998. Heel, squat, stand, stride: function and evolution of hominoid feet. In *Primate Locomotion: Recent Advances*, eds, E. Strasser, J. Fleagle, A. Rosenberger, and H. McHenry, pp. 435-448, Plenum Press, New York. (with B. Hallgrimsson and T. Stein).
- 1999. Electromyography, Elastic Energy and Knuckle-walking: a Lesson in Experimental Anthropology. In *The New Physical Anthropology* (D. Lindburg and S.C. Strum, eds.) Prentice-Hall, Englewood Cliffs, NJ. pp. 32-41. (with B. Hallgrímsson and J.V. Basmajian)
- 2000. Physical Anthropology. *Encyclopaedia Britannica*. Encyclopaedia Britannica., Inc. Chicago, IL.
- 2000. Hominids. In *Encyclopedia of Paleontology*, Ronald Singer, ed., Fitzroy Dearborn Publishers, Chicago.
- 2000. Sherwood Larned Washburn (1911-2000). American Anthropologist 102:8-12.
- 2001. Phylogenies, Fossils, and Feelings. In *Great Apes and Humans: the Ethics of Coexistence*, eds. B.B. Beck, T.S. Stoinski, A. Arluke, M. Hutchins, T.L. Maple, B. Norton, A. Rowan, and B.F. Stevens, pp. 178-190, Smithsonian Institution Press, Washington, DC.
- 2001. On Culture and Traditional Chimpanzees. Current Anthropology 42(3):407-408.
- 2002. Paleoanthropology Read in Tooth and Nail Reviews in Anthropology 31:103-128.
- 2002. An introductory perspective: Gorillas How important? how many? how long? In *Gorilla Biology: a Multidisciplinary Perspective*. Edited by Andrea B. Taylor and Michele Goldsmith, Cambridge University Press, Cambridge, UK, pp. 11-14.
- 2004. Physical Anthropology. HYPERLINK "http://www.accessscience.com/server-java/Arknoid/science/AS/" <a href="mailto:AccessScience@McGraw-Hill">AccessScience@McGraw-Hill</a>, http://www.accessscience.com
- 2005. Human Evolution. *Encyclopaedia Britannica* 18:412-424, Encyclopaedia Britannica, Inc. Chicago, IL
- 2006. Seven decades of East African Miocene Anthropoid Studies. In *Human Origins and Environmental Backgrounds*, Eds. H. Ishida, R.H. Tuttle, M. Pickford, N. Ogihara & M. Nakatsukasa, pp. 15-29, New York: Springer.
- 2006. Neontological Perspectives on East African Middle and Late Miocene Anthropoidea. In *Human Origins and Environmental Backgrounds*, Eds. H. Ishida,

- R.H. Tuttle, M. Pickford, N. Ogihara & M. Nakatsukasa, pp. 205-219, New York: Springer.
- 2006. Are Human Beings Apes, or Are Apes People Too? In *Human Origins and Environmental Backgrounds*, Eds. H. Ishida, R.H. Tuttle, M. Pickford, N. Ogihara & M. Nakatsukasa, pp.245-254, New York: Springer.
- 2006. Hidemi Ishida: 40 Years of Footprints in Japanese Primatology and Paleoanthropology. In *Human Origins and Environmental Backgrounds*, Eds. H. Ishida, R.H. Tuttle, M. Pickford, N. Ogihara & M. Nakatsukasa, pp. 1-14, New York: Springer.
- 2006. Animalia, *Homo* and the Kingdom of God. Zygon 41:143-172.
- 2007. Apes, Intelligent Science and Conservation. In *Primate Perspectives on Behavior and Cognition* (ed. D.A. Washburn), pp. 17-28. Washington, DC: American Psychological Association.
- 2007. Taphonomy and paleoecological context of the Upper Laetolil Beds (Localities 8 and 9), Laetoli in Northern Tanzania. In *Hominin Environments in the East African Pliocene*, eds. R. Bobé, Z Alemseged and A.K. Behrensmeyer, pp. 257-278. Springer: The Netherlands.(with C.M. Musiba, M.K. Stoller, T.A. Stein, S. Branting, B. Hallgrímsson, M.Vogt, C.S. Magori, S. Killindo. F. Mizamba, F. Ndunguru, and A. Mabulla
- 2007. Love, knowledge, and the evolution of a mentor. In *Joys of Teaching Anthropology*. Eds. Patricia C. Rice, Conrad P. Kottak and David C. McCurdy, pp. 91-100. New York: McGraw-Hill.
- 2007. Beware of Hobbits: the Occurrence of Pathology in Famous Fossils. In *Recent Advances in Southeast Asian Paleoanthropology and Archaeology*, pp. 3-8, Ed. Etty Indriati, Yogyakarta, Indonesia: Gadjah Mada University (with D.E. Mirsky).
- 2008. Donald C. Johanson. *International Encyclopedia of the Social Sciences*, 2<sup>nd</sup> ed. Detroit, MI: Macmillan Reference USA, pp. 206-207.
- 2008. Footprint clues in hominid evolution and forensics: lessons and limitations. *Ichnos* 15:158-165.
- 2011. Forward. *Primate Locomotion: Linking Field and Laboratory Research*, K. D'Août and EE. Vereecke eds., *V-iX*.. New York: Springer.
- in press. Preface. Musculoskeletal Atlas of Gorilla. R. Diogo, J.F. Potau, F. de Paz, G. Bello, M.M. Barbosa, and B.A. Wood.
- 2011. Neanderthal genomics. Encyclopaedia Britannica.

#### Filmography and Radio Commentary:

- 1974. *Primate*. Zipporah Films. (appearance)
- 1994. Some Liked it Hot. Horizon (appearance)

- 1996. Windows to the Past as Doors to the Future. A film based on a Bellagio Conference, June 5-9, 1995. Composed and directed by Russell H. Tuttle and William Harms. Prepared by Media Process Group, Chicago, with special assistance of John Paterson. 2002. Bigfootville. Bluebook films. (appearance)
- 2004. And the pursuit of happiness. Fire Escape Films (appearance and consultant)
- 2010. Ancient Aliens. Episode 2. History Channel (appearance)
- 2010. Comments on the Piltdown forgery as part of a discussion of the stage play *Fake*. NPR.
- 2014. Panel discussion on *The Invisible Aspects of Human Evolution* (language, kinship, religion). A Templeton Colloquium at the Notre Dame Institute for Advanced Study, South Bend, Indiana.

### **Abstracts and Oral and Poster Papers:**

- 1963. The evolution of primate hands. Amer. Anthrop. Assoc., San Francisco, CA.
- 1964. Locomotor adaptations of the chimpanzee hand. Midwest Anat. Assoc., Chicago.
- 1965. The functional morphology and evolution of hominoid hands. *Amer. J. Phys. Anthrop.* 23: 333.
- 1966. Adaptations of the chimpanzee hand to terrestrial locomotion. Amer. Zool 5.
- 1966. Reduced first digits in *Pongo pygmaeus*. Amer. J. Phys. Anthrop. 25: 211.
- 1966. Social patterns in savanna mammals. *Amer. J. Phys. Anthrop.* 25: 202 (with M. Cartmill).
- 1966. Intimate infant-adult male interactions in Rhodesian baboons (*Papio cynocephalus*). *Amer. J. Phys. Anthrop.* 25: 203 (with M.T. Morgan).
- 1966. Knuckle-walking and the problem of brachiation. Amer. Anthrop. Assoc., Pittsburg, PA.
- 1966. Behavior of baboons at two waterholes in Rhodesia. First Congress of the International Primat. Soc., Frankfurt, Germany.
- 1968. Does the gibbon swing like a pendulum? Amer. J. Phys. Anthrop. 29: 132.
- 1968. Terrestrial trends in the hands of the Anthropoidea. Second Cong. Intern. Primat. Soc., Atlanta, GA.
- 1968. Propulsive and prehensile capabilities in the hands and feet of the great apes. VIIIth Intern. Congr. Anthrop. Ethnol. Sci., Kyoto and Tokyo, Japan.
- 1968. Some swamp-forest adaptations of the orangutan. Amer. Anthrop. Assoc., Seattle, WA.
- 1969. Knuckle-walking and possible evolutionary pathways of the great apes and man. *Amer. J. Phys. Anthrop.* 31: 265. (with C. E. Oxnard).

- 1969. An analysis of the mechanical efficiency of the digital ray in the chimpanzee in relation to knuckle-walking postures and movement. *Amer. J. Phys. Anthrop.* 31: 265. (with C. E. Oxnard).
- 1969. The evolutionary biology of the orangutan, AAAS, Boston, Mass.
- 1970. Locomotor activities and their anatomical correlates in the cheiridia of the Cercopithecoidea. *Amer. J. Phys. Anthrop.*, 33:145.
- 1972. Functions of the flexor digitorum profundus muscle in *Pan gorilla*: Inferences from an electric ape. *Amer. J. Phys. Anthrop.* 37: 454. (with J.V. Basmajian)
- 1972. Electromography of the long digital flexor muscles in gorilla. 2nd Meeting of the Intern. Soc. Electromyographic Kinesiology, Barcelona, Spain. (with J. V. Basmajian).
- 1972. Aspects of primate comparative and functional anatomy and the phylogeny of hominoid primates. NATO Advance Study Institute on Comparative Biology of Primates. June 7-19. Montaldo (Turin), Italy.
- 1972. Electromygraphic studies of selected muscles that act across the elbow joint in *Pan gorilla*. 4th Intern. Cong. Primatology. Portland, Ore., (with J. V. Basmajian).
- 1972. Knuckle-walking, brachiation, and hominoid evolution. 71st meeting of the Amer. Anthrop. Assoc., Toronto, Canada.
- 1973. Elbowing their ways from the top: An electromyographic perspective on gorilla and hominid evolution. Am. Anthro. Assoc., New Orleans, La., (with J. V. Basmajian).
- 1973. Knuckle-walking and knuckle-walkers. Amer. J. Phys. Anthrop., 40: 154.
- 1974. Getting a charge from gorilla: electromyographic perspectives on hominoid evolution. *Amer. J. Phys. Anthrop.*, 41: 507. (with J. V. Basmajian).
- 1974. Electromyography of *Pan gorilla*: an experimental approach to hominization. Fifth Congress of the International Primatological Society, Nagoya, Japan. (with J. V. Basmajian).
- 1975. The gluteus maximus muscle and hominization: an EMG perspective. *Amer. J. Phys. Anthrop.*, 42:335. (with J. V. Basmajian and H. Ishida).
- 1976. Electromyography of pongid shoulder muscles and hominoid evolution. *Amer. J. Phys. Anthrop.*, 44:212. (with J. V. Basmajian)
- 1976. Ape models of hominid emergence. Symposium on Australopithecines in Hominid Evolution. Northern Illinois University, Dekalb.
- 1976. Electromyography of pongid gluteal muscles and hominoid evolution. Symposium on Hominid Evolution. Sixth Congress of the International Primatological Society, Cambridge, England. (with J. V. Basmajian and H. Ishida).
- 1977. "Rotator Cuff" Muscles. Constants or complicacies in functional morphological studies of the Hominoidea? *Amer. J. Phys. Anthrop.*, 47:164. (with J. V. Basmajian).

- 1978. EMG of pongid shoulder muscles during quadrupedal positional behavior. *Amer. J. Phys. Anthrop.*, 48:444-445. (with J. V. Basmajian).
- 1978. Report on Locomotor Anatomy. Task Force on Future Uses of and the Needs for Chimpanzees. NIH PHS -HEW, Bethesda, Md. C. Gibbs, Chairman.
- 1979. The problem of hominid bipedalism: what do we need in order to proceed? *Amer. J. Phys. Anthrop.*, 50: 487-488.
- 1979. Electromyographic activities of pongid thigh muscles during bipedal behavior. Seventh Congress of the International Primatological Society, Bangalore, India (with J. V. Basmajian and H. Ishida).
- 1980. Climbing, bipedalism and anthropoid hindlimb muscles. VIIIth Congress of the International Primatological Society, Florence, Italy (with H. Ishida, N.Yamazaki, T. Watanabe, M. Okada, S. Kondo and S. Matano). *Anthropologia Contemporanea* 3: 215.
- 1980. Biomechanical characteristics of hylobatid bipedal walking on a flat surface. VIIIth Congress of the International Primatological Society, Florence, Italy (with M. Okada, N. Yamazaki, H. Ishida, T. Kimura and S. Kondo). *Anthropologia Contemporanea* 3: 250.
- 1980. Evolution of hominid bipedalism and prehensile capabilities. Meeting for Discussion of the Emergence of Man. The Royal Society and the British Academy, London, England. [Also given as plenary address to Behavioral Genetics Society, June, 1980]
- 1982. What made the Laetoli A Trail? The Chicago Primatologists Circle, Dept. of Anthropology, Univ. of Illinois at Chicago, Chicago, Il. November 22.1983. Laetoli Hominid Footprints and the Hylobatian Hypothesis. Berkeley, CA. (Institute of Human Origins). April 22.
- 1983. On the Trails of the Laetoli Hominids. June 3. Field Museum of Natural History, Chicago. Chicago Anthropological Society.
- 1984. Pliocene Hominid Species: Postcranial Evidence from Laetoli and Hadar. Symposium on Speciation in Physical Anthropology. 82nd. Annual Meeting of the American Anthropological Assoc., Chicago.
- 1984. Bear Facts and Laetoli Impressions. Amer. J. Phys. Anthrop. 63: 230.
- 1985. Ape Footprints and Laetoli Impressions. The Taung Diamond Jubilee International Symposium, Johannesburg, South Africa, February 29.
- 1986. The Laetoli Footprint Trails. Musée de l'Homme, Paris, France, April 24.
- 1986. Concluding Discussant for Symposium on Human Evolution at meetings of the American Anthropological Association Philadelphia, PA, December 7.
- 1989. The pattern of little feet. Amer. J. Phys. Anthrop., 78:316 (with D. Webb and M. Baksh)
- 1989. The effects of stride frequency on the motion of the upper limbs in human walking. *Amer. J. Phys. Anthrop.*, 78:321-322 (with D. Webb and M. Baksh)
- 1989, 1990 & 1996. Anthropogenesis. The Epic of Creation. Chicago Center for Religion and

- Science, April 26, 1989; January 24, 1990.
- 1989. What's New in African Paleoanthropology? Plenary Session of the American Psychological Association. August 11.
- 1989. Erection: A Potent Issue for Human Ancestry. Banquet Speech for the 17th Annual Meeting of the Canadian Association for Physical Anthropology (CAPA), November 3.
- 1989. The effects of stride frequency on the motion of upper limbs in human walking (with D. Webb and M. Baksh.). CAPA, November 3.
- 1989. Further progress on the Laetoli trails (with D. Webb, E. Weidl, and M. Baksh). CAPA, November 3.
- 1990. Allometric patterns in the limb musculature of catarrhine primates. *Amer. J. Phys. Anthrop.*, 81:304. (with S. M. Swartz).
- 1990. Laetoli footprint trails and the evolution of hominid bipedalism. Symposium on the Origin(s) of Bipedalism in Hominids. Paris, France, June 3-9.
- 1990. Footprints and gaits of bipedal bears and barefoot people: perspectives on Pliocene tracks. XIIIth Congress of the International Primatological Society. Kyoto, Japan, July 24.
- 1990. Muscle allometry in cercopithecoid and hominoid primates. *Amer. Zool.*, 30(4): 8A, 1990, (with S.M. Swartz).
- 1991. Primate energetics and fossil evidence for locomotor modes. *Amer. J. Hum. Biol.* 3(1): 70-71.
- 1991. Did *Australopithecus afarensis* make the Laetoli G footprint trails? *Amer. J. Phys. Anthrop.*, Suppl. 12:175 (with D. M. Webb & M. Baksh).
- 1992. Give an arm and a leg for the *Nomina Anatomica*. XIVth Congress of the International Primatological Society, Strausbourg, France. (with D.W. Link). August 17.
- 1992. Electromyography and elastic mechanisms in kunckle-walking *Pan gorilla* and *Pan troglodytes*. XIVth Congress of the International Primatological Society, Strausbourg, France. (with B. Hallgrímsson and J.V. Basmajian). August 18.
- 1992. Evolution of Bipedalism. Beloit Anthropology Club, Beloit College, Beloit, WI. September 16.
- 1992. Up from electromyography: primate energetics and the evolution of human bipedalism. American Anthropological Association, San Francisco, CA, December 4.
- 1993. Elastic mechanisms in the hands of kunckle-walking *Pan gorilla* and *Pan troglodytes*. American Association of Physical Anthropologists, Toronto, Canada, April.
- 1993. The Laetoli G footprints: Where do they stand today? Congress in Honour of Dr. Mary Douglas Leakey's Contribution in Palaeoanthropology, Arusha, Tanzania, August 12.
- 1994. Hominoid heels. XV<sup>th</sup> Congress of the International Primatological Society, Kuta Bali, Indonesia, August 4.

- 1995. Posturing, locomotion and hominid evolution. Primate Locomotion—1995, Davis CA, March 27.
- 1995. Windows to the Past as Doors to the Future: Potential Educational Links between Tanzanian and Midwestern US Colleges, Universities and Secondary Schools. Bellagio Conference on, *Preservation and Use of Olduvai Gorge, Laetoli, Rock Art and other Paleoanthropological Resources in Tanzania*. Bellagio (Como), Italy, June 5-9.
- 1995. Apes and Human Evolution: I. Arboreal Imprints and Imperatives; II. First Steps and Lasting Impressions; III. Language, Culture and Society; IV. Proximity and Parity. Collège de France, Paris, November 6, 9, 22 & 23.
- 1996. Animalia, *Homo*, and the Kingdom of God. Epic of Creation Lecture Series, Lutheran School of Theology at Chicago, February 2, 1996.
- 1996. Gaits and pedal morphology of Hadzabe. *Am. J. Phys. Anthropol. Suppl.* 22: 174. (with C.M. Musiba, B. Hallgrímsson & D.M.Webb).
- 1996. First Steps and Lasting Impressions: What Can be Learned from the Laetoli Footprints? The University of Chicago Chapter of Sigma Xi Public Lecture, May 15.
- 1997. Global Primatology for a New Millennium. Master Lecture for VI Simposio Nacional de Primatología, Mexico City, August 1.
- 1998 What's New in Paleoanthropology? Evolutionary Debates. Gleacher Center of the University of Chicago, February 14.
- 1998. False Impressions from the Laetoli Hominid Footprints. *Am. J. Phys. Anthropol. Suppl.* 26: 221. (with C.M. Musiba, D.M.Webb & B. Hallgrímsson).
- 1998. Models of Hominoid Phylogeny. Workshop on *Great Apes and Humans at an Ethical Frontier*", Disney Institute, Orlando, FL, June 21-24.
- 1999. Seven Decades of East African Miocene Anthropoid Studies. International Symposium. Evolution of Middle-to-Late Miocene Hominoids in Africa, Kyoto, Japan, July 11.
- 1999. From Alpha Taxonomy to the Omega on Functional Morphology. Neontological Perspectives on East African Middle and Late Miocene Anthropoidea. International Symposium. Evolution of Middle-to-Late Miocene Hominoids in Africa, Kyoto, Japan, July 12.
- 1999. Are Human Beings Apes, or Are Apes People Too? Center of Excellence International Symposium: *Evolution of the Apes and Human Beings*, Inuyama, Japan, November 18-20, 1999.
- 2001. Sherwood Washburn's Anthropology. 70th Annual Meeting of the American Association of Physical Anthropologists, Kansas City, MO, March 29, 2001.
- 2001. Knuckle-walking with Sherry. 70<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, Kansas City, MO, March 29, 2001.
- 2001. Trees, Taproots, and Shrubs in the Human Career. *Becoming Human and Beyond*: a conference on the origin, constitution and future of human nature co-organized by the Program of Dialogue on Science, Ethics, and Religion of the American Association for

- the Advancement of Science and the Field Museum of Natural History, November 1, 2001.
- 2002. Teaching Undergraduates at the University of Chicago. Teaching Undergraduates Workshop, American Society of Primatologists, Oklahoma City, OK, June 2, 2002.
- 2002. Why President George Walker Bush Is Not an Ape, and What This Mans for the Apes. Duane M. Rumbaugh Festschrift Symposium, Atlanta GA, October 11, 2002.
- 2003. Human Beings, Apes, Bipedalism and Culture. MEXT International Symposium on *Human Origins and Environmental Backgrounds*, Kansai Seminar House, Kyoto, Japan, March 21, 2003.
- 2003. Laetoli Pliocene environments revisited: Stratigraphic and taphonomic context of the Upper Laetolil Bed fauna at Localities 8 and 9." [with C. Musiba, C.C. Magori, S. Branting, F. Ndunguru, S. Kilindo and D.K.M. 72nd Annual Meeting of the American Association of Physical Antfropologists, Tempe, AZ, April 24. [Abstract in *Am. J. Phys. Anthrop.*, Suppl. 36: 156]
- 2003. Reconstruction, Models and Scenarios in Human Evolutionary Studies: When Does Science Give Way to Fiction? Wirszup Lecture. Max Palevsky Commons. University of Chicago. December 2.
- 2004. From Science to Fiction in Human Evolutionary Studies. Main Lecture. XX<sup>th</sup> Congress of the International Primatological Society, Torino, Italy, August 27.
- 2004. Footprint clues in forensics and hominid evolution: limitations and lessons. *Proceedings of International Symposium on the Quaternary Footprints of Hominids and Other Vertebrates*. Eds. J.Y. Kim, K-S Kim, S.I. Paark & M-K. Shin, pp. 44-53.

#### **Book and Film Reviews:**

- 1966. Anatomie Anthropologique by George Olivier. Hum. Biol. 38:81-82.
- 1968. Human Evolution by B. Campbell. Hum. Biol., 40:98-101
- 1968. The Territorial Imperative by R. Ardrey. Amer. Anthrop., 70: .
- 1968. *Race, Evolution and Mankind* by R. Lehrman and *Mankind in the Making* by W. W. Howells. *Amer. Biol. Teacher*, 30(1).
- 1968. The Deer and the Tiger by G. Schaller. Amer. Anthrop.. 70(3).
- 1968. Neu Ergebnisse der Primatologie (D. Starck, R. Schneider & H.J. Kuhn, eds.), Evolution 22: 843-844.
- 1968. The Apes by V. Reynolds and The Naked Ape by D. Morris. Amer. Anthrop. 70(6).
- 1969. La Diversite Humaine en Afrique Subsaharienne by J. Hiernaux. Science 163: 663-664.
- 1969. The Baboon in Medical Research: Proceedings of the FirstInternational Symposium on the Baboon and its Use as an Experimental Animal H. Vagtborg, ed. The Baboon: an Annotated Bibliography, Charles W. Schilling, The Baboon: an Annotated Bibliography Supplement I, and The Baboon: an Annotated Bibliography. Supplement II. Amer. Anthrop. 71: 991-992.

- 1970. *The Squirrel Monkey*, L. A. Rosenblum and R. W. Cooper, eds. *Amer. Anthrop*. 74: 954-955.
- 1970. *Primates in Medicine*, vols. 1, 2, and 3,C. H. Kratochivil and W. I. B. Beveridge, eds. *Hum. Biol.* 42: 524-526.
- 1971. Taxonomy and Phylogeny of Old World Primates with References to the Origin of Man, B. Chiarelli, ed. Amer. J. Phys. Anthrop. 33: 118-119.
- 1971. The Life of Primates by A. H. Schultz. Amer. Anthrop. 72: 1563-1564.
- 1972. Primate Evolution by E. Simons. Science 177: 601-602.
- 1972. Proceedings of the Third International Congress of Primatology, 3 volumes, Karger, Basel/New York, 1971. Hum.Biol.
- 1973. Primate Locomotion and Manipulation. Amer. Anthrop. 75: 2016-2017.
- 1974. Comparative Primatology. Science 183: 192.
- 1974. Evolution of the Primates. Quart. Rev. Biol. 49: 278.
- 1974. New Perspectives on Ape and Human Evolution. Current Anthrop. 15: 439.
- 1975. Early Hominid Posture and Locomotion. Amer. J. Phys. Anthrop. 43: 153-154.
- 1975. The New Paleoprimatology. Science 188: 847.
- 1975. *The Search for Peking Man* by C. Janus with Wm. Brashler and *Peking Man* by H. L. Shapiro, *Chicago Sun Times*, *Book Week*, June 29.
- 1976. Quantitative Sociobiology. Science 191: 939-940.
- 1977. Gibbon and Siamang, vols. 2-4. D. M. Rumbaugh, ed. Folia Primatol.
- 1978. Ontogeny and Phylogeny by S. J. Gould. Amer. J. Phys. Anthrop. 49: 287-288
- 1980. *Primate Ecology and Human Origins* by I. S. Bernstein and E. O. Smith, eds. *Science* 207: 398-399.
- 1981. *Paleoanthropology without Inhibitions*, a review of *Lucy*by D. C. J Johanson and M. Edey. *Science* 212: 798
- 1982. *Homo erectus: Papers in Honor of Davidson Black*. B. A. Sigmon and J. S. Cybulski, eds. *Amer. J. Phys. Anthrop.* 59: 115-116.
- 1982. Environment, Behavior, and Morphology: Dynamic Interactions in Primates. M. E. Morbeck, H. Preuschoft and N. Gomberg, eds. Animal Behaviour 30:305.
- 1982. The Education of Koko by F. Patterson and E. Linden. Quart. Rev. Biol. 57:338.
- 1983. An Atlas and Source Book of the Lesser Bushbaby, Galago senegalensis by J. L. Stevens, V. R. Edgerton, D. E. Haines and D. M. Meyer. Int. J. Primatol. 4:445-446.

- 1983. A History of American Physical Anthropology, 1930-1980. F. Spencer, ed. Academic Press: N.Y. Science 220: 832-834.
- 1984 New Interpretations of Ape and Human Ancestry. R. L. Ciochon and R. S. Corruccini, eds., 1983, Plenum: N.Y. J. Geol. 92: 352.
- 1984. Leakey. Film review for Amer. Anthrop., 86: 799-800.
- 1984. The Making of Mankind. Film review for Amer. Anthrop., 86: 796-799.
- 1985. *The Origins of Modern Humans*. F. H. Smith and F. Spencer, eds., 1984, Liss, N.Y. *Science*, 288: 868-869.
- 1985. *The Lesser Apes: Evolutionary and Behavioural Biology*. H. Preuschoft, D. J. Chivers, W. Y. Brockelman and N. Creel, eds.,1984, Edinburgh University Press. *Nature* 315: 52.
- 1985. Hand Function and the Neocortex. A. W. Goodwin and I. Darian-Smith, eds.,
- 1985, Springer-Verlag, Berlin. Quart. Rev. Biol., 60: 562.
- 1986. *Human Evolution: a Philosophical Anthropology*. Mary Maxwell, 1984, Columbia University Press. *Amer. Sci.*, 74: 437
- 1986. Triumph of the Intelligent: the Creation of Homo sapiens sapiens. Seymour W. Itzkoff, 1985, Paideia. Amer. Sci., 74: 437.
- 1986. Footprints: Collections, Analysis, and Interpretation. Louise M. Robbins., 1985. Amer. Anthrop., 88: 1000-1002.
- 1987. *Major topics in primate and human evolution*: B. Wood, L. Martin and P. Andrews, eds.,1986, Cambridge Univ. Press. *Amer. Anthrop.*, 89: 972-973.
- 1989. *Genetics, Paleontology and Macroevolution*. J. Levinton, 1988, Cambridge University Press, *Amer. J. Phys. Anthrop.*, 79: 273-274.
- 1989. Arguments on Evolution. A. Hoffman, 1989, Oxford Univ. Press, Amer. J. Phys. Anthrop., 80: 405-406.
- 1991. *Animal Lifestyles and Anatomies. The Case of the Prosimian Primates*. C. E. Oxnard, R. H. Crompton and S. Lieberman, 1990, *Persp. Biol. Med.*,
- 1991. Primate Origins and Evolution. A Phylogenetic Reconstruction.. R. D. Martin, 1990. Amer. J. Phys. Anthrop., 85:243-244.
- 1991. *Primatology Today*. A. Ehara, T. Kimura, O. Takenaka, and M. Iwamoto, eds., 1991, Elsevier, Amsterdam. *Primates*, 32:553-554.
- 1992. *Olduvai Gorge*, vol. IV. by P.V. Tobias, 1991, Cambridge, UK: Cambridge Univ. Press. *Am. J. Hum. Biol.* 4:133-135.
- 1992. *The Third Chimpanzee*. by J. Diamond, 1992, New York: Harper-Collins. *Amer. J. Phys. Anthrop.*, 89:407-408.
- 1993. The Last Ape. by T. Kano, 1992, Stanford U Press, Stanford, CA., J. Mamm., 74:237-238.

- 1993. *Koobi Fora Research Project, Vol. 4: Hominid Cranial Remains* by B. Wood, 1991, Cambridge Univ. Press, UK, *Am. J. Hum. Biol.* 5:591-593.
- 1993. *Hands of Primates*. Edited by H. Preschoft and D. J. Chivers. 1993. Springer-Verlag, Wien, *Nature*, 365:616.
- 1994. *The Great Ape Project: Equality Beyond Humanity*. Edited by P. Cavalieri and P. Singer, 1993, St. Martin's Press, New York. *Science*, 264:602-603.
- 1994. *The Nariokotomo Homo erectus Skeleton*. Edited by L. Walker and R. Leakey, 1993, Harvard Univ. Press, UK, *Am. J. Hum. Biol.* 6:792-794.
- 1998. *Great Ape Societies*. Edited by W.C. McGrew, L.F. Marchant and T. Nishida, 1996, Cambridge University Press, UK. *American Scientist* 86: 90.
- 2004. Skull Wars: Kennewick Man, Archaeology, and the Battle for Native American Identity By David Hurst Thomas, 2000. Basic Books: New York. Journal of the Royal Anthropological Institute 10(2):449-450.

# **Courses taught:**

Advanced Problems in Paleoanthropology (1985-2014).

Advanced Problems in Primate Locomotion and Comparative Morphology (1969-2014).

Apes and Human Evolution (1977-present).

Aspects of Biological and Cultural Evolution (1965-1970).

Celebrity and Science in Paleoanthropology (1993-present).

Comparative Primate Morphology (1965-2006).

Comparative Vertebrate Morphology (1961-1962).

Evolution of the Hominoidea (1985-present)

Evolution of the Primates (1966-1969).

Fossil Evidence for Human Evolution (1968-1984).

History and Theory of Human Evolution (1970-present).

Human Morphology (1964-1969, 1978-1985).

Introduction to Physical Anthropology (1962-1963).

Natural History of the Primates and Social Carnivores (1968-1982).