

CURRICULUM VITAE

JOHN C. MITANI

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Birth date: 10 June 1954

EDUCATION

1984 University of California, Davis Ph.D. in Anthropology
1976 University of California, Berkeley A.B. in Anthropology

RESEARCH INTERESTS

primate behavioral ecology, animal behavior

EMPLOYMENT

2004 - present: James N. Spuhler Collegiate Professor of Anthropology, University of Michigan
2002 - present: Professor, Department of Anthropology, University of Michigan
1993 - 2002: Associate Professor, Department of Anthropology, University of Michigan
1990 - 1993: Assistant Professor, Department of Anthropology, University of Michigan
1989 - 1990: Assistant Research Zoologist, Department of Zoology, University of California, Davis
1987 - 1989: Assistant Professor, The Rockefeller University Field Research Center for Ecology and Ethology
1984 - 1987: Postdoctoral Fellow, The Rockefeller University in the laboratory of Professor Peter Marler

PROFESSIONAL SERVICE

Scientific Executive Committee, L.S.B. Leakey Foundation, 2012 - present
Operations Advisor, The Nacey Maggioncalda Foundation, 2012 - present
Associate Editor, *Journal of Human Evolution* 2012 - present
Editor, *Advances in the Study of Behavior* 2006 - present
National Science Foundation, Physical Anthropology Program Panel Member 2006 - 2007
Associate editor, *Primates* 2003 - present
National Science Foundation, Animal Behavior Panel Member 2003
Associate editor, *Pan Africa News* 2003 - present

Editor, *Animal Behaviour* 2002 - 2005
Scientific Advisory Board, Max-Planck Institute for Evolutionary Anthropology 2001 – 2007
Associate editor, *American Journal of Primatology* 2000 – 2003
National Science Foundation, Graduate Research Fellowship Panel Member 1999 - 2001
Member, IUCN Species Survival Commission, Primate Specialist Group 1998 – present
Editorial board, *International Journal of Primatology* 1995 - present
Editorial advisory board, *Primates* 1995 – 2003
Consulting editor, *American Journal of Primatology* 1993 – 1999

PROFESSIONAL MEMBERSHIPS

American Association of Physical Anthropologists
Animal Behavior Society
American Society of Primatologists
International Primatological Society
International Society for Behavioral Ecology

HONORS AND AWARDS

2011 Fellow, Animal Behavior Society
2007 Senior Fellow, Michigan Society of Fellows, University of Michigan
2004 James N. Spuhler Collegiate Professor of Anthropology, University of Michigan
2001 University Undergraduate Teaching Award, University of Michigan
2000 Excellence in Education Award, University of Michigan College of Literature, Science & the Arts
1999 Excellence in Education Award, University of Michigan College of Literature, Science & the Arts
1996 Excellence in Education Award, University of Michigan College of Literature, Science & the Arts
1995 Excellence in Education Award, University of Michigan College of Literature, Science & the Arts
1995 Honorary member, Phi Kappa Phi, University of Michigan
1993 Henry Russel award, University of Michigan
1992 U.S. National Science Foundation Presidential Faculty Fellow
1992 Excellence in Education Award, University of Michigan College of Literature, Science & the Arts
1991 Fellow, Japan Society for the Promotion of Science
1990 Invited participant and speaker, Kyoto Prize Awards for the Basic Sciences
1986 U.S.P.H.S. National Institutes of Health National Research Service Award
1985 L.S.B. Leakey Foundation and New York Zoological Society Fellowship for Great Ape Research and Conservation
1984 U.S.P.H.S. National Institutes of Health National Research Service Award
1979 University of California Regents' Fellowships (5)
1978 University of California Graduate Opportunity Fellowship
1977 Phi Beta Kappa
1976 A.B. in Anthropology at U.C. Berkeley with Great Distinction in General Scholarship

RESEARCH GRANTS AND SUPPORT

- 2014 Detroit Zoological Society, (Ngogo chimpanzee research project, \$5,000)
- 2013 Disney Worldwide Conservation Fund (Ngogo chimpanzee snare removal project, \$25,000)
- 2013 Detroit Zoological Society, (Ngogo chimpanzee research project, \$5,000)
- 2011 Great Apes Productions, Limited (Ngogo chimpanzee research project, \$97,239)
- 2013 North Carolina Zoo (Ngogo chimpanzee snare removal project, \$2,000)
- 2012 North Carolina Zoo (Ngogo chimpanzee snare removal project, \$3,000)
- 2011 North Carolina Zoo (Ngogo chimpanzee snare removal project, \$3,000)
- 2005 U.S. National Science Foundation (Long-term fitness consequences of wild chimpanzee behavior, \$299,945)
- 2002 U.S. National Science Foundation (Kinship and behavior in wild chimpanzees, \$271,387)
- 2001 L.S.B. Leakey Foundation grant (Meat-sharing among wild chimpanzees, \$17,500)
- 2000 Detroit Zoological Institute grant-in-aid (Behavioral ecology of the Ngogo chimpanzees, \$1,500)
- 2000 National Geographic Society grant (Predation and mixed-species associations between redbellied monkeys and mangabeys, \$9,000)
- 2000 Wenner-Gren Foundation grant-in-aid (Ecological, social and genetic correlates of wild chimpanzee behavior, \$20,000)
- 1999 L.S.B. Leakey Foundation grant (Genetics and behavior of wild chimpanzees, \$5,443)
- 1999 University of Michigan OVPR discretionary fund award (Mixed-species associations between mangabeys and redbellied monkeys, \$15,000)
- 1996 National Geographic Society grant, with Adam Arcadi and Richard Wrangham (Intercommunity variability in the acoustic morphology of chimpanzee loud calls, \$28,000)
- 1993 University of Michigan Research Partnership grant, with John Pepper (\$13,800)
- 1992 U.S. National Science Foundation Presidential Faculty Fellows Award (\$500,000)
- 1990 Harry Frank Guggenheim Foundation grant (Comparative studies of great ape aggression, \$72,475)
- 1988 National Geographic Society grant (Comparative field studies of great ape vocal behavior, \$12,500)
- 1988 U.S. National Science Foundation grant (Comparative field studies of great ape vocal behavior, \$131,865)
- 1986 Harry Frank Guggenheim Foundation grant (Male-male aggression and forced mating behavior of orangutans, \$19,287)
- 1987 L.S.B. Leakey Foundation and New York Zoological Society grant (Great ape research and conservation, \$20,000)
- 1985 L.S.B. Leakey Foundation grant (Structure, function, and syntax of gibbon vocalizations, \$4,850)
- 1985 National Geographic Society grant (Structure, function, and syntax of gibbon vocalizations, \$4,825)
- 1983 University of California, Davis, Graduate Research award (Intergroup spacing of gibbons and leaf monkeys, \$1,000)
- 1981 U.S. National Academy of Sciences Bache Fund award (Intergroup spacing of gibbons and leaf monkeys, \$1,000)

- 1981 Wenner-Gren Foundation grant-in-aid (Intergroup spacing of gibbons and leaf monkeys, \$3,800)
- 1980 L.S.B. Leakey Foundation grant (Intergroup spacing of gibbons and leaf monkeys)
- 1980 U.S. National Science Foundation doctoral dissertation improvement grant (Intergroup spacing of gibbons and leaf monkeys, \$7,998)
- 1980 University of California, Davis, Chancellor's Patent Fund award (\$500)

RESEARCH EXPERIENCE

- 1995-present Field study of the behavioral ecology of chimpanzees in the Kibale National Park.
- 1998 Field study of mixed species associations of primates and chimpanzee (*Pan troglodytes*) behavior in the Kibale National Park, Uganda
- 1995 Field study of the vocal communication of chimpanzees in the Kibale National Park.
- 1994 Field study of vocal communication among chimpanzees in the Mahale Mountains National Park, Tanzania
- 1992 Field study of the vocal behavior of chimpanzees in the Mahale Mountains.
- 1992 Field study of the vocal behavior of gorillas (*Gorilla gorilla*) at the Parc des Volcans, Rwanda.
- 1991 Field study of the vocal behavior of bonobos (*Pan paniscus*) at the Scientific Reserve of the Luo, Tshuapa-Equateur District, Zaire
- 1989 - 1990 Field study of the vocal behavior of chimpanzees in the Mahale Mountains.
- 1988 - 1989 Field study of the behavior of orangutans (*Pongo pygmaeus*) in the Gunung Palung Nature Reserve, West Kalimantan, Indonesia.
- 1987 Field study of male swamp sparrow (*Melospiza georgiana*) song. Dutchess county, New York.
- 1984 - 1986 Field study of the behavior of agile gibbons (*Hylobates agilis*) in the Gunung Palung Reserve.
- 1984 Pilot field study investigating the singing behavior of agile gibbons in the Waykambas National Park, Lampung, Sumatra, Indonesia.
- 1984 Experimental field study of male Bornean gibbon (*Hylobates muelleri*) song in the Kutai Nature Reserve, East Kalimantan, Indonesia.
- 1982 Experimental field study investigating the behavioral mechanisms maintaining monogamy in Bornean gibbons in the Kutai Reserve (thesis topic).
- 1981 - 1982 Field study of the behavior of orangutans in the Kutai Reserve (thesis topic).
- 1980 - 1982 Experimental field study of the behavior of Bornean gibbons in the Kutai Reserve (thesis topic).
- 1979 Field work on the behavior of long-tailed macaques (*Macaca fascicularis*) in the Kutai Reserve.
- 1979 Field work on a population survey of Bornean leaf monkeys (*Presbytis hosei*) in the Kutai Reserve.

PUBLICATIONS

Edited volumes

Naguib, M., H. J. Brockmann, **J. C. Mitani**, L. Simmons, L. Barrett. 2014. *Advances in the Study of Behavior*. Volume 46. Academic Press, London.

- Brockmann, H. J., T. Roper, M. Naguib, **J. C. Mitani** and L. Simmons. 2013. *Advances in the Study of Behavior*. Volume 45. Academic Press, London.
- Mitani, J.C.**, J. Call, P. Kappeler, R. Palombit, and J. Silk. 2012. *The Evolution of Primate Societies*. Chicago: University of Chicago Press.
- Brockmann, H. J., T. Roper, M. Naguib, **J. C. Mitani** and L. Simmons. 2012. *Advances in the Study of Behavior*. Volume 44. Academic Press, London.
- Brockmann, H. J., T. Roper, M. Naguib, **J. C. Mitani** and L. Simmons. 2011. *Advances in the Study of Behavior*. Volume 43. Academic Press, London.
- Brockmann, H. J., T. Roper, M. Naguib, K. Wynne-Edwards, **J. C. Mitani**, and L. Simmons. 2010. *Advances in the Study of Behavior*. Volume 41. Academic Press, London.
- Brockmann, H. J., T. Roper, M. Naguib, K. Wynne-Edwards, **J. C. Mitani** and L. Simmons. 2009. *Advances in the Study of Behavior*. Volume 39. Academic Press, London.
- Brockmann, H. J., T. Roper, M. Naguib, K. Wynne-Edwards, C. Barnard, and **J. C. Mitani**. 2008. *Advances in the Study of Behavior*. Volume 38. Academic Press, London.
- Brockmann, H. J., T. Roper, M. Naguib, K. Wynne-Edwards, C. Barnard, and **J. C. Mitani**. 2007. *Advances in the Study of Behavior*. Volume 37. Academic Press, London.

Journal articles

- Bissonnette, A., S. Perry, L. Barrett, **J. C. Mitani**, M. Flinn, S. Gavrilets, and F. deWaal. in press. Coalitions in theory and reality: A review of pertinent variables and processes. *Behaviour*
- Patterson, S., A. Sandel, J. Miller, and **J.C. Mitani**. in press. Data quality and the comparative method: the case of primate group size. *International Journal of Primatology*
- Sarringhaus, L., L. MacLatchy, and **J.C. Mitani**. 2014. Locomotor and postural development of wild chimpanzees. *Journal of Human Evolution* 66: 29-38.
- Wilson, M., C. Boesch, T. Furuichi, I. Gilby, C. Hashimoto, C. Hobaiter, G. Hohmann, N. Itoh, K. Koops, J. Lloyd, T. Matsuzawa, **J. C. Mitani**, D. Mjungu, D. Morgan, R. Mundry, M. Muller, M. Nakamura, J. Pruett, A. Pusey, J. Riedel, C. Sanz, A. Schel, N. Simmons, M. Waller, D. Watts, F. White, R. Wittig, K. Zuberbühler, and R. Wrangham. 2011. Lethal aggression in *Pan* is better explained by adaptive strategies than human impacts. *Nature* 513: 414-417.
- Langergraber, K., **J.C. Mitani**, D. Watts, and L. Vigilant. 2013. Male-female socio-spatial relationships and reproduction in wild chimpanzees. *Behavioral Ecology and Sociobiology* 67: 861-873.
- Nakamura, M., N. Corp, M. Fujimoto, S. Fujita, S. Hanamura, H. Hayak, K. Hosaka, M. Huffman, A. Inaba, E. Inoue, N. Itoh, N. Kutsukake, M. Kiyono-Fuse, T. Kooriyama, L. Marchant, A. Matsumoto-Oda, T. Matsusaka, W. McGrew, **J.C. Mitani**, H. Nishie, K. Norikoshi, T. Sakamaki, M. Shimada, L. Turner, J. Wakibara, and K. Zamma. in press. Ranging behavior of the Mahale chimpanzees: a 16 year study. 2013. *Primates* 54: 117-182.
- Carlson, B., J. Rothman, and **J.C. Mitani**. 2013. Diurnal variation in nutrients and chimpanzee foraging behavior. *American Journal of Primatology*. 75:342-349.
- Sobolewski, M., J. Brown, and **J.C. Mitani**. 2013. Female parity, male aggression, and the challenge hypothesis in wild chimpanzees. *Primates* 54: 81-88.
- Langergraber, K., K. Prüfer, C. Rowney, C. Boesch, C. Crockford, K. Fawcett, E. Inoue, M. Inoue-Muruyama, **J.C. Mitani**, M. Muller, M. Robbins, G. Schubert, T. Stoinski, D. Watts, R. Wittig, R. Wrangham, K. Zuberbühler, S. Pääbo, and L. Vigilant. 2012. Generation times

- in wild chimpanzees and gorillas suggest earlier divergence times in great ape and human evolution. *Proceedings of the National Academy of Sciences* 109: 15716-15721.
- Sobolewski, M., J. Brown, and **J.C. Mitani**. 2012. Territoriality, tolerance, and testosterone in wild chimpanzees. *Animal Behaviour* 84: 1469-1474.
- Watts, D., K. Potts, J. Lwanga, and **J.C. Mitani**. 2012. Diet of chimpanzees (*Pan troglodytes schweinfurthii*) at Ngogo, Kibale National Park, Uganda. I. Diet composition and diversity. *American Journal of Primatology* 74: 114-129.
- Watts, D., K. Potts, J. Lwanga, and **J.C. Mitani**. 2012. Diet of chimpanzees (*Pan troglodytes schweinfurthii*) at Ngogo, Kibale National Park, Uganda. II. Temporal variation and fallback foods. *American Journal of Primatology* 74: 130-144.
- Langergraber, K., C. Boesch, E. Inoue, M. Inoue-Muruyama, **J.C. Mitani**, T. Nishida, A. Pusey, V. Reynolds, G. Schubert, R. Wrangham, E. Wroblewski, and L. Vigilant. 2011. Genetic and 'cultural' similarity in wild chimpanzees. *Proceedings of the Royal Society, B Biological Sciences*. 278: 408-416.
- Lwanga, J., T. Struhsaker, P. Struhsaker, T. Butynski, and **J.C. Mitani**. 2011. Primate population dynamics over 32.9 years at Ngogo, Kibale National Park, Uganda. *American Journal of Primatology* 73: 997 – 1011.
- Mitani, J.C.**, D. Watts, S. Amsler. 2010. Lethal intergroup aggression leads to territorial expansion in wild chimpanzees. *Current Biology* 20: R507-R508.
- Mitani, J.C.** 2009. Cooperation and competition in chimpanzees: Current understanding and future challenges. 2009. *Evolutionary Anthropology* 18: 215-227.
- Mitani, J.C.** 2009. Male chimpanzees form enduring and equitable social bonds. *Animal Behaviour* 77: 633-640.
- Langergraber, K., **J.C. Mitani**, L. Vigilant. 2009. Kinship and social bonds in female chimpanzees (*Pan troglodytes*). *American Journal of Primatology* 71: 840-851.
- Liu, W., M. Worobey, B. Keele, F. Bibollet-Ruche, P. Goepfert, M. Santiago, J. Ndjongo, C. Neel, S. Clifford, C. Sanz, S. Kamenya, M. Wilson, A. Pusey, N. Gross-Camp, C. Boesch, V. Smith, K. Zamma, M. Huffman, **J. C. Mitani**, D. Watts, M. Peeters, G. Shaw, W. Switzer, P. Sharp and B. Hahn. 2008. Molecular Ecology and Natural History of Simian Foamy Virus Infection in Wild-living Chimpanzees. *PLoS Pathogens* 4: e1000097.
- Langergraber, K., H. Siedel, **J.C. Mitani**, R. Wrangham, V. Reynolds, K. Hunt, and L. Vigilant. 2007. The genetic signature of sex-biased migration in chimpanzees and humans. *PLoS ONE* 2: e973.
- Pobiner, B., J. deSilva, W. Sanders and **J.C. Mitani**. 2007. Taphonomic analyses of a bone assemblage from chimpanzee hunting at Ngogo, Kibale National Park, Uganda. *Journal of Human Evolution* 52: 614-636.
- Langergraber, K., **J.C. Mitani**, and L. Vigilant. 2007. The limited impact of kinship on cooperation in wild chimpanzees. *Proceedings of the National Academy of Sciences*, 104: 7786-7790.
- Matsumoto-Oda, A., M. Hamai, H. Hayaki, K. Hosaka, K. Hunt, E. Kasuya, K. Kawanaka, **J.C. Mitani**, H. Takasaki, and Y. Takahata. 2007. Estrous cycle asynchrony in wild female chimpanzees, *Pan troglodytes schweinfurthii*. *Behavioral Ecology and Sociobiology* 61: 661-668.
- Mitani, J.C.** 2006. Demographic influences on the behavior of chimpanzees. *Primates* 47: 6-13.
- Pika, S. and **J.C. Mitani**. 2006. Referential gestural communication in wild chimpanzees (*Pan troglodytes*). *Current Biology* 16: R191-R192.

- Trapani, J., W. Sanders, **J.C. Mitani**, and A. Heard. 2006. Precision and consistency of the taphonomic signature of predation by crowned hawk eagles (*Stephanoaetus coronatus*) in Kibale National Park, Uganda. *Palaios* 21: 114-131.
- Watts, D., M. Muller, S. Amsler, G. Mbabazi, and **J.C. Mitani**. 2006. Lethal intergroup aggression by chimpanzees in the Kibale National Park, Uganda. *American Journal of Primatology* 68: 161-180.
- Mitani, J.C.** and D. Watts. 2005. Correlates of territorial boundary patrol behavior in wild chimpanzees. *Animal Behaviour* 70: 1079-1086.
- Nishida, T., **J.C. Mitani**, and D. Watts. 2004. Variable grooming behaviors in wild chimpanzees. *Folia Primatologica* 75: 31-36.
- Mitani, J.C.** and S. Amsler. 2003. Social and spatial aspects of male subgrouping in a community of wild chimpanzees. *Behaviour* 140: 869-884.
- Nishida, T., N. Corp, M. Hamai, T. Hasegawa, M. Hiraiwa-Hasegawa, K. Hosaka, K. Hunt, N. Itoh, K. Kawanaka, A. Matsumoto-Oda, **J.C. Mitani**, M. Nakamura, K. Norikoshi, T. Sakamaki, L. Turner, S. Uehara, and K. Zamma. 2003. Demography, female life history and reproductive profiles among the chimpanzees of Mahale. *American Journal of Primatology* 59: 99 – 121.
- Sanders, W., J. Trapani and **J.C. Mitani**. 2003. Taphonomic aspects of crowned-hawk eagle predation on monkeys. *Journal of Human Evolution* 44: 87-105.
- Mitani, J.C.**, D. Watts, J. Pepper, and D.A. Merriwether. 2002. Demographic and social constraints on male chimpanzee behaviour. *Animal Behaviour* 63: 727-737.
- Mitani, J.C.**, D. Watts, and M. Muller. 2002. Recent developments in the study of wild chimpanzee behavior. *Evolutionary Anthropology* 11: 9-25.
- Watts, D. and **J.C. Mitani**. 2002. Hunting behavior of chimpanzees at Ngogo, Kibale National Park, Uganda. *International Journal of Primatology* 23: 1-28.
- Watts, D., **J.C. Mitani**, and H. Sherrow. 2002. New cases of inter-community infanticide by male chimpanzees at Ngogo, Kibale National Park, Uganda. *Primates* 43: 263-270.
- Mitani, J.C.** and D. Watts. 2001. Why do chimpanzees hunt and share meat? *Animal Behaviour* 61: 915-924.
- Mitani, J.C.**, W. Sanders, J. Lwanga, T. Windfelder. 2001. Predatory behavior of crowned-hawk eagles in the Kibale National Park, Uganda. *Behavioral Ecology and Sociobiology* 49: 187-195.
- Watts, D. and **J.C. Mitani**. 2001. Boundary patrols and intergroup encounters in wild chimpanzees. *Behaviour* 138: 299-327.
- Mitani, J.C.**, D. A. Merriwether, and C. Zhang. 2000. Male affiliation, cooperation, and kinship in wild chimpanzees. *Animal Behaviour* 59:885-893.
- Mitani, J.C.**, T. Struhsaker, and J. Lwanga. 2000. Primate community dynamics in old growth forest over 23.5 years at Ngogo, Kibale National Park, Uganda: implications for conservation and census methods. *International Journal of Primatology* 21:269-286.
- Watts, D. and **J.C. Mitani**. 2000. Infanticide and cannibalism by male chimpanzees at Ngogo, Kibale National Park, Uganda. *Primates* 41: 357-365.
- Mitani, J.C.** and D. Watts. 1999. Demographic influences on the hunting behavior of chimpanzees. *American Journal of Physical Anthropology* 109: 439-454.
- Mitani, J.C.**, K. Hunley, and M.E. Murdoch. 1999. Geographic variation in the calls of wild chimpanzees: A re-assessment. *American Journal of Primatology* 47: 133-152.

- Pepper, J., **J.C. Mitani**, and D. Watts. 1999. General gregariousness and specific social preferences among wild chimpanzees. *International Journal of Primatology* 20: 613-632.
- Mitani, J.C.** and J. Gros-Louis. 1998. Chorusing and call convergence in chimpanzees: Tests of three hypotheses. *Behaviour* 135: 1041-1064.
- Mitani, J.C.** and J. Stuht. 1998. The evolution of nonhuman primate loud calls: acoustic adaptation for long-distance propagation. *Primates* 39:171-182.
- Mitani, J.C.** and D. Watts. 1997. The evolution of non-maternal caretaking in anthropoid primates: Do helpers help? *Behavioral Ecology and Sociobiology* 40:213-220.
- Mitani, J.C.**, J. Gros-Louis, and J. Macedonia. 1996. Selection for acoustic individuality within the vocal repertoire of wild chimpanzees. *International Journal of Primatology* 17: 569-583.
- Mitani, J.C.**, J. Gros-Louis, and J. Manson. 1996. The number of males in primate groups: Comparative tests of competing hypotheses. *American Journal of Primatology* 38: 315-332.
- Mitani, J.C.**, J. Gros-Louis, A. Richards. 1996. Sexual dimorphism, the operational sex ratio, and the intensity of male competition among polygynous primates. *American Naturalist* 147: 966-980.
- Mitani, J.C.** and J. Gros-Louis. 1995. Species and sex differences in the screams of chimpanzees and bonobos. *International Journal of Primatology*. 16: 393-411.
- Mitani, J.C.** and K. Brandt. 1994. Social factors influence the acoustic variability in the long-distance calls of male chimpanzees. *Ethology* 96:233-252.
- Mitani, J.C.** and T. Nishida. 1993. Contexts and social correlates of long distance calling by male chimpanzees. *Animal Behaviour* 45: 735-746.
- Mitani, J.C.**, T. Hasegawa, J. Gros-Louis, P. Marler, and R. Byrne. 1992. Dialects in wild chimpanzees? *American Journal of Primatology* 27: 233-243.
- Mitani, J.C.**, G.F. Grether, P.S. Rodman, and D. Priatna. 1991. Associations among wild orangutans: sociality, passive aggregations or chance? *Animal Behaviour* 42:33-46.
- Mitani, J.C.** 1990. Demography of agile gibbons (*Hylobates agilis*). *International Journal of Primatology* 11:409-422.
- Mitani, J.C.** 1990. Experimental field studies of Asian ape social systems. *International Journal of Primatology* 11:103-126.
- Mitani, J.C.** 1989. Orangutan activity budgets: monthly variations and the effects of bodysize, parturition and sociality. *American Journal of Primatology* 18: 87-100.
- Nowicki, S., **J. C. Mitani**, D. A. Nelson and P. Marler. 1989. The communicative significance of tonality in birdsong: responses to songs produced in helium. *Bioacoustics* 2:35-46.
- Mitani, J. C.** and P. Marler. 1989. A phonological analysis of male gibbon singing behavior. *Behaviour* 109.5: 20-45.
- Mitani, J. C.** 1988. Male gibbon singing behavior (*Hylobates agilis*): Natural history, song variations and function. *Ethology* 79:177-194.
- Eudey, A, D. Lindburg, C. Groves, V. Weitzel, E. Bennett, M. Kavanagh, T. Maruhashi, P. Rodman and **J.C. Mitani**. 1987. Asian primates – An examination of major problem areas. *International Journal of Primatology* 8: 410.
- Mitani, J.C.** 1987. Territoriality and monogamy among agile gibbons (*Hylobates agilis*). *Behavioral Ecology and Sociobiology* 20: 265-269.
- Mitani, J.C.** 1987. Species discrimination of male song in gibbons. *American Journal of Primatology* 13: 413-423.

- Mitani, J.C.** 1985. Sexual selection and adult male orangutan long calls. *Animal Behaviour* 33: 272-283.
- Mitani, J.C.** 1985. Mating behavior of male orangutans in the Kutai Game Reserve, Indonesia. *Animal Behaviour* 33: 392-402.
- Mitani, J.C.** 1985. Gibbon song duets and intergroup spacing. *Behaviour* 92:59-96.
- Mitani, J.C.** 1985. Responses of gibbons (*Hylobates muelleri*) to self, neighbor and stranger song duets. *International Journal of Primatology* 6: 193-200.
- Mitani, J.C.** 1985. Location-specific responses of gibbons (*Hylobates muelleri*) to male songs. *Zeitschrift für Tierpsychologie* 70: 219-224.
- Mitani, J.C.** 1984. The behavioral regulation of monogamy in gibbons (*Hylobates muelleri*). *Behavioral Ecology and Sociobiology* 15: 225-229.
- Mitani, J.C.** and P.S. Rodman. 1979. Territoriality: The relationship of ranging pattern and home range size to defendability, with an analysis of territoriality in primates. *Behavioral Ecology and Sociobiology* 5: 241-251.

Papers in edited volumes

- Mitani, J.C.** 2013. Chimpanzee models of human behavioral evolution. In *Early Hominin Paleoecology*. edited by M. Sponheimer, J. Lee-Thorp, K. Reed, P. Ungar. pp. 397-435. Boulder, CO: University Press of Colorado.
- Trautmann, T., G. Feeley-Harnik, and **J.C. Mitani**. 2011. Deep kinship. In *Deep History: The Architecture of Past and Present*. edited by A. Shryock and D. Smail. pp. 160-188. Berkeley: University of California Press.
- Mitani, J.C.** 2010. Chimpanzees. In *Encyclopedia of Animal Behavior*. Volume 1. Edited by M. Breed and J. Moore. pp. 267-273. Oxford: Academic Press.
- Mitani, J.C.**, S. Amsler, and M. Sobolewski. 2010. Chimpanzee minds in nature. In *The Chimpanzee Mind*. edited by E. Lonsdorf, S. Ross and T. Matsuzawa. Chicago: University of Chicago Press.
- Pika, S. and **J.C. Mitani**. 2009. The directed scratch: evidence for a referential gesture in chimpanzees? In *The Prehistory of Language*. edited by R. Botha and C. Knight. pp. 166-180. Oxford: Oxford University Press.
- Mitani, J.C.** 2008. Chimpanzee behavior: There's no place like home. *Current Biology*, 18: R166-R167.
- Mitani, J.C.** 2006. Reciprocal exchange in chimpanzees and other primates. In *Cooperation in Primates: Mechanisms and Evolution*. Edited by P. Kappeler and C. van Schaik. Heidelberg: Springer-Verlag. pp. 101-113.
- Mitani, J. C.** 2005. Chimpanzee behavior. In *McGraw-Hill 2005 Yearbook of Science and Technology*. pp. 46-48. New York: McGraw-Hill.
- Mitani, J.C.** and D. Watts. 2005. Seasonality in hunting by non-human primates. In *Primate Seasonality: Studies of Living and Extinct Human and Non-human Primates*. edited by D. Brockman & C. van Schaik. pp. 215-242. Cambridge: Cambridge University Press.
- Muller, M. and **J.C. Mitani**. 2005. Conflict and cooperation in wild chimpanzees. In *Advances in the Study of Behavior*. Edited by P.J.B. Slater, J. Rosenblatt, C. Snowdon, T. Roper, M. Naguib. pp. 275-331. New York: Elsevier.
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Other non-refereed work

- Mitani, J.C.** 2013. Q & A. *Current Biology* 23: R1-R2.
- Mitani, J.C.** 2012. Pincer. In *Chimpanzee: The Making of the Film*. by C. Boesch and S. O'Connell. pp. 87. New York: Disney Editions.
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- Mitani, J.C.**, de Waal, F., Hosaka, K., McGrew, W., Nakamura, M., Nishimura, A., Wrangham, R., and Yamagiwa, J. 2012. Obituary: Toshisada Nishida. *International Journal of Primatology* 33: 10-18.
- Mitani, J.C.** 2011. Toshisada Nishida: colleague, mentor, collaborator, and friend. *Primates* 52: 303-304.
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SUBMITTED PAPERS AND MANUSCRIPTS

Mitani, J.C. n.d. Border patrols. In *Encyclopedia of Primatology*. edited by A. Fuentes. pp. New York: Wiley-Blackwell.

Krief, S., D. Watts, **J. C. Mitani**, J-M Krief, M. Cibot, S. Bortolamiol, A. Seguya, and G. Couly. n.d. Two cases of cleft lip and other congenital anomalies in wild chimpanzees living in Kibale National Park, Uganda. submitted to *The Cleft Palate-Craniofacial Journal*.

BOOK REVIEWS

Mitani, J.C. 2012. Book review of “*A Cooperative Species: Human Reciprocity and its Evolution*.” by Samuel Bowles and Herbert Gintis. *Comparative Studies in Society and History* 54: 947-948.

Mitani, J.C. 2009. Book review of *Primeval Kinship. How Pair-Bonding Gave Birth to Human Society*. by B. Chapais. *Primates* 50: 91-93.

Mitani, J.C. 2007. Primate ecology, behavior, and conservation. Book review of *Primates of Western Uganda*. edited by N. Newton-Fisher, H. Notman, J. Paterson, and V. Reynolds. *Journal of Mammalian Evolution*, 14: 195-197.

Mitani, J.C. 2007. Book review of *The Cultured Chimpanzee: Reflections on Cultural Primatology*. by W. McGrew. *American Journal of Physical Anthropology*, 132: 159-160.

Mitani, J.C. 2006. Book review of *The Chimpanzees of the Budongo Forest*. by V. Reynolds. *International Journal of Primatology*, 27: 1491-1493.

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Mitani, J.C. 2002. Book review of *Chimpanzee and Red Colobus: The Ecology of Predator and Prey*. by C. Stanford. *American Journal of Physical Anthropology*, 119: 344-345.

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Mitani, J.C. 2000. Book review of *Primate Behavioral Ecology* by K. Strier. *Animal Behaviour* 60: 142-143.

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Mitani, J.C. 1995. Next of kin. Book review of *Kanzi: The Ape at the Brink of the Human Mind* by S. Savage-Rumbaugh and R. Lewin. *Scientific American* 272: 84-85.

Mitani, J.C. 1993. Book review of *The Last Ape* by T. Kano. *Quarterly Review of Biology* 68: 462-463.

- Mitani, J.C. 1992. Book review of *Through a Window* by J. Goodall. *American Scientist* 80: 290-291.
- Mitani, J.C. 1988. Hominoid evolution. Book review of *The Red Ape* by J. Schwartz. *American Journal of Primatology* 15: 189-190.
- Mitani, J.C. 1987. Simian affairs. Book review of *Apes of the World* by R. Tuttle. *Nature* 328:678.
- Mitani, J.C. 1987. Book review of *The Chimpanzees of Gombe* by J. Goodall. *Quarterly Review of Biology* 62: 464-465.
- Mitani, J.C. 1985. Primate communication and cognition. Book review of *The Meaning of Primate Signals* edited by R. Harre and V. Reynolds. *American Journal of Primatology* 9: 351-352.
- Mitani, J.C. 1984. Book review of *Primate Communication* edited by C. Snowdon, C. Brown and M. Petersen. *American Anthropologist* 86: 487-489.

PRESENTED PAPERS AND INVITED SEMINARS (last five years)

- May 2013. "The behavior of wild chimpanzees," School of Life Sciences, Peking University, China
- April 2013, "Chimpanzee intergroup aggression," Skoll World Forum, Saïd Business School, Oxford University
- March 2013, "Cooperation in wild chimpanzees," Department of Anthropology, Stanford University
- September 2012, "Cooperation in wild chimpanzees," Center for the Advanced Study of Hominid Paleobiology, George Washington University
- September 2012, "The behavior of wild chimpanzees," Center for Ecology Distinguished Speaker Series, Southern Illinois University
- April 2012, "Cooperation in wild chimpanzees," Animal Behavior Research Group, University of Chicago.
- March 2012, "The behavior of wild chimpanzees," Department of Anthropology, New York University.
- September 2011, "Cooperation among wild chimpanzees," Department of Anthropology, University of New Mexico.
- December 2010, "The behavior of wild chimpanzees," Storer Lecture in the Life Sciences "Major Issues in Modern Biology" University of California, Davis.
- November 2009, "Cooperation, culture, and conflict in apes," School of Human Evolution and Social Change, Arizona State University.
- April 2009: "Coalitionary behavior in wild chimpanzees," paper given to the Working Group on coalitions and alliances, National Institute for Mathematical and Biological Synthesis, University of Tennessee.
- April 2009: "Male chimpanzees form enduring and equitable social bonds" paper presented at the Annual meetings of the American Association of Physical Anthropologists, Chicago, IL.
- February 2009: "The behavior of wild chimpanzees." University of Tulsa, Darwin Bicentennial Lecture.
- February 2009: "The behavior of wild chimpanzees." University of Michigan, Dearborn, Darwin Anniversary Colloquium.

- November 2008: “Wild chimpanzee behavior: New frontiers and challenges.” Invited speaker, “Public Forum for Primatology,” sponsored by the L.S.B. Leakey Foundation in honor Leakey Prize recipients, Jane Goodall and Toshisada Nishida, San Francisco, California
- August 2008: “The behavior of wild chimpanzees.” Keynote address at the 45th Annual Meeting of the Animal Behavior Society, Snowbird, Utah
- March 2008: “Sources and extent of reproductive skew in male chimpanzees,” invited presentation with Kevin Langergraber and Linda Vigilant, Dominance, leveling, and egalitarianism in primates and other animals, Santa Fe Institute
- February 2008: “Cooperation in wild chimpanzees,” Center for Behavior, Evolution, and Culture, UCLA
- February 2008: “Cooperation in wild chimpanzees,” Department of Anthropology, University of Minnesota

UNIVERSITY SERVICE

- 2014 Provost’s Promotion Review Committee
- 2013 - 2014 Co-chair, Tenure and Promotion Committee, Department of Psychology
- 2013 - 2014 Member, Promotion Committee, Department of Anthropology
- 2013 - 2014 Chair, Lecturer Major Review, Department of Anthropology
- 2012 - 2013 Co-chair, Tenure and Promotion Committee, Departments of Psychology and Anthropology
- 2012 - present Director of Undergraduate Studies, Department of Anthropology
- 2012 - present Subdisciplinary Head of Biological Anthropology, Department of Anthropology
- 2011 - 2012 Chair, Promotion Committee, Department of Anthropology
- 2011 - 2012 Chair, Faculty Search Committee, Department of Anthropology
- 2009 - present Member, Executive Committee, Department of Anthropology
- 2010 - 2011 Member, Promotion Committee, Department of Anthropology
- 2009 - 2012 Associate Chair, Department of Anthropology
- 2009 - 2012 Member, Curriculum committee, College of Literature, Science, and the Arts
- 2009 - 2010 Member, Tenure and Promotion Committee, Department of Ecology and Evolutionary Biology
- 2005 - 2011 Evolutionary Anthropology concentration advisor, Department of Anthropology
- 2006 Life Sciences Concentration Committee, College of Literature, Science, and the Arts
- 2005 - 2011 Evolutionary Anthropology concentration advisor
- 2005 - 2007 Member, Department of Anthropology search committee
- 2005 - present Member, Department of Anthropology curriculum committee
- 2003 - 2007 Subdisciplinary Head of Biological Anthropology, Department of Anthropology
- 2003 - 2006 Steering committee, University of Michigan Center for Advancing Research and Solutions for Society
- 2003 - 2006 Member, University of Michigan Senate Assembly
- 2001 - 2008 Member, Executive Committee, Department of Anthropology
- 2001 - 2003 Member, Faculty Search Committee, Department of Anthropology
- 2001 - 2002 Chair, Faculty Search Committee, Department of Anthropology
- 2001 - 2002 Member, Promotion Committee, Department of Anthropology
- 1995 - 1996 Chair, Faculty Search Committee, Department of Anthropology
- 1994 - 1996 Subdisciplinary Head of Biological Anthropology, Department of Anthropology

- 1994 - 1996 Member, Executive Committee, Department of Anthropology
- 1993 Member, Rackham Predoctoral Fellowship selection committee
- 1993 Member, Rackham Dissertation / Thesis Grant selection committee
- 1992 - 1994 Member, Graduate Fellowships Committee, Department of Anthropology
- 1991 - 1992 Chair, Faculty Search Committee, Department of Anthropology