

Curriculum Vitae
Joan B. Silk

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EDUCATION

1981 Ph.D. in Anthropology, University of California, Davis
1978 M.A. in Anthropology, University of California, Davis
1975 B.A. with honors in Anthropology, Pitzer College, Claremont Colleges

ACADEMIC HONORS RECEIVED

2009 Fellow, Animal Behavior Society
1993 Fellow, American Anthropological Association
1976-1981 Recipient of the Regents Fellowship, University of California, Davis

ACADEMIC POSITIONS

2009-2010 Chair, Department of Anthropology, University of California, Los Angeles
2005-2006 Visiting Professor, Department of Zoology; Visiting Professorial Fellow, Magdalene College; Visiting Fellow, Leverhulme Centre for Human Evolutionary Studies; Cambridge University
1996-2001 Chair, Department of Anthropology, University of California, Los Angeles
1995-present Professor, Department of Anthropology, University of California, Los Angeles
1993-1996 Vice Chair, Department of Anthropology, University of California, Los Angeles
1992 Fellow, Zentrum fur Interdisziplinare Forschung, University of Bielefeld, Germany
1990-1994 Associate Professor, Department of Anthropology, University of California, Los Angeles

1986-1992 Affiliate scientist, California Primate Research Center, University of California, Davis

1986-1990 Assistant Professor, Department of Anthropology, University of California, Los Angeles

1984-1986 Assistant Professor, Department of Anthropology, Emory University, Atlanta, Georgia

1984-1986 Assistant Research Behaviorist, California Primate Research Center, Davis, University of California, Davis

1983-1984 Visiting Scholar, Department of Zoology, Duke University, Durham, North Carolina

1982-1983 National Research Service Award, National Institute of Mental Health, postdoctoral fellow, Department of Biology, University of Chicago

1981-1982 National Science Foundation postdoctoral fellow, Department of Biology, University of Chicago

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PROFESSIONAL ACTIVITIES

2009-2010 Election Committee member, International Society of Primatology

2009-present Associate Editor, *Behavioral Ecology and Sociobiology*

2007-present Scientific Advisory Board, Courant Research Centre on *Evolution and Social Behaviour*, University of Gottingen, Germany

2007-present Scientific Executive Committee, Leakey Foundation

2006-present Consulting Editor, *Human Behavior and Evolution*

2005-present Advisory Board, *Primates*

1991-present Editorial Board, *Human Nature*

2007 External reviewer, Department of Anthropology, Stony Brook University of New York

2006 External reviewer, Institute of Anthropology, University of Zurich, Switzerland

1997, 1998, 2001 Panelist, National Science Foundation Graduate Research Fellowship Program

1993-96, 2002 Panelist, National Science Foundation Biological Anthropology Section

1994-95 Editorial Board, *The American Naturalist*

1990-95 Editorial Board, *American Journal of Physical Anthropology*

PUBLICATIONS

A. Books

Boyd, R. & Silk, J.B. 1997, 2000, 2003, 2006, 2009. *How Humans Evolved*. W.W. Norton Press, New York.

Spanish Translation (2nd Edition). *Como Evolucionaron los Humanos*. Ariel Ciencia, S.A., Barcelona, 2001.

French Translation (3rd Edition) *L'aventure humaine : Des molécules à la culture*. De Boeck, 2003.

Excerpts from Chapter 9 reprinted in *Research Frontiers in Anthropology: Advances in Archaeology and Physical Anthropology*, ed. by C. Ember and M. Ember, Prentice Hall.)

Kappeler, P., Silk, J.B. (editors) 2010. *Mind the Gap: The origins of human universals*. Springer Verlag, Berlin.

B. Journal Publications and Book Chapters

Silk, J.B. 1978. Patterns of food sharing among mother and infant chimpanzees at Gombe National Park, Tanzania. *Folia Primatologica* 29: 129- 141.

Silk, J.B. 1979. Feeding, foraging, and food sharing of immature chimpanzees. *Folia Primatologica* 31: 123-142.

Silk, J.B. 1980. Kidnapping and female competition in captive bonnet macaques. *Primates* 21: 100-110.

Silk, J.B. 1980. Adoption and kinship in Oceania. *American Anthropologist* 82: 799-820.

- Silk, JB, Samuels, A, & Rodman, PS. 1981. Hierarchical organization of female *Macaca radiata*. *Primates* 22: 84-95.
- Silk, JB, Clark-Wheatley, CB, Rodman, PS, & Samuels, A. 1981. Differential reproductive success and facultative adjustment of sex ratios among captive female bonnet macaques (*Macaca radiata*). *Animal Behaviour* 29: 1106-1120.
- Silk, JB, Samuels, A., & Rodman, PS. 1981. The influence of kinship, rank, and sex upon affiliation and aggression among adult females and immature bonnet macaques (*Macaca radiata*). *Behaviour* 78: 112-137).
- Silk, J.B. 1981. Social behavior of female *Macaca radiata*: the influence of kinship and rank upon cooperation and competition. Ph.D. thesis, University of California, Davis.
- Silk, J.B. 1982. Altruism among adult female bonnet macaques: explanation and analysis of patterns of grooming and coalition formation. *Behaviour* 79: 162-187.
- Silk, J.B. 1982. Review of *The Woman that Never Evolved*, by S.B. Hrdy. *Ethology and Sociobiology* 5: 53-55.
- Silk, JB & Boyd, R. 1983. Female cooperation, competition, and mate choice in matrilineal macaque groups. In: *Social Behavior of Female Vertebrates* (ed. by S.K. Wasser) Academic Press, New York, p. 315-347.
- Boyd, R & Silk, J.B. 1983. A method of assigning cardinal indices of dominance rank. *Animal Behaviour* 31: 45-58.
- Silk, J.B. 1983. Local resource competition and facultative adjustment of sex ratios in relation to competitive ability. *American Naturalist* 121: 56-66.
- Silk, JB & Samuels, A. 1984. Triadic interactions among male *Macaca radiata*: passports and buffers. *American Journal of Primatology* 6: 373-376.
- Silk, J.B. 1984. Measurement of the relative importance of individual selection and kin selection in the genus *Macaca*. *Evolution* 38: 553-559.
- Samuels, A., Silk, JB, & Rodman, PS. 1984. Changes in the dominance rank and reproductive behavior of male bonnet macaques (*Macaca radiata*). *Animal Behaviour* 32: 994-1003.
- Silk, J.B. 1984. Local resource competition and the evolution of male-biased sex ratios. *Journal of Theoretical Biology* 108: 203-213.

- Silk, JB & Boyd, R. 1984. Response to J. Rushen. *Animal Behaviour* 32:933-934.
- Silk, J.B. 1984. Review of *Primate Social Relationships*, edited by R.A. Hinde. *Science* 224: 981-982.
- Silk, J.B. 1984. Review of *Child Abuse: the Nonhuman Primate Data*, edited by M. Reite and N.G. Caine. *American Anthropologist* 86: 1034-1036.
- Silk, J.B. 1985. Review of *Reproductive Decisions*, by R.I.M. Dunbar. *Science* 229: 961-962.
- Silk, J.B. 1985. Review of *Too Many Women? The Sex Ratio Question* by M. Guttentag and P. Secord. *Ethology and Sociobiology* 6: 4-68.
- Silk, J.B. 1986. Eating for two: behavioral and environmental correlates of gestation length among free-ranging baboons (*Papio cynocephalus*). *International Journal of Primatology* 7:583-602.
- Silk, J.B. 1986. Review of *Primate Sociobiology* by J.P. Gray. *American Journal of Physical Anthropology* 71: 21-122.
- Silk, J.B. 1987. Adoption and fosterage in human societies: adaptations or enigmas? *Cultural Anthropology* 2:39-49.
- Silk, J.B. 1987. Social behavior in evolutionary perspective. In: *Primate Societies*, ed. by B.B. Smuts et al). University of Chicago Press, Chicago, pp. 318-329.
- Samuels, A, Silk, JB, & Altmann, J. 1987. Continuity and change in dominance relationships among female baboons. *Animal Behaviour* 35: 785-793.
- Silk, J.B. 1987. Correlates of aggression and competition among pregnant baboons. *American Journal of Primatology* 12: 479-495.
- Silk, J.B. 1987. Inuit adoption. *Ethos* 15:320-330.
- Silk, J.B. 1987. Activities and diet of free-ranging pregnant baboons, *Papio cynocephalus*, *International Journal of Primatology* 8: 593- 613.
- Silk, J.B. 1988. Social mechanisms of population regulation in a captive group of bonnet macaques (*Macaca radiata*), *American Journal of Primatology* 14: 111-124.

- Silk, J.B. 1988. Maternal investment in captive bonnet macaques (*Macaca radiata*), *The American Naturalist* 132: 1-19.
- Silk, J.B. 1988. Review of *Apes of the World* by R.H. Tuttle. *International Journal of Primatology* 9: 385-387.
- Silk, J.B. 1988. Review of *Human Birth* by W.R. Trevathan. *American Scientist* 76(5): 424.
- Silk, J.B. 1989. Reproductive synchrony in captive macaques. *American Journal of Primatology* 19: 137-146.
- Silk, J.B. 1990. Human adoption in evolutionary perspective. *Human Nature* 1:25-52.
- Silk, J.B. 1990. Sources of variation in interbirth intervals among captive bonnet macaques (*Macaca radiata*). *American Journal of Physical Anthropology* 82: 213-230.
- Silk, J.B. 1990. Comment on Turke 1990: Which humans adopt adaptively, and does it matter? *Ethology and Sociobiology* 11: 425-426.
- Silk, J.B. 1991. Mother-infant relationships in bonnet macaques: sources of variation in proximity. *International Journal of Primatology* 12:21-38.
- Silk, J.B. 1992. Patterns of intervention in agonistic contests among male bonnet macaques. In: *Coalitions and Alliances in Humans and Other Animals* (ed. by S. Harcourt and F. de Waal). Oxford University Press, Oxford, pp. 215-232.
- Silk, J.B. 1992. The patterning of intervention among male bonnet macaque: reciprocity, revenge, and loyalty. *Current Anthropology* 33:318-325.
- Silk, J.B. 1992. The origins of caregiving behavior. *American Journal of Physical Anthropology* 87: 227-229.
- Silk, JB, Short, J, Roberts, J, & Kemnitz, J. 1993. Gestation Length in Rhesus Macaques (*Macaca mulatta*). *International Journal of Primatology* 14:95-104.
- Silk, J.B. 1993. The evolution of social conflict among primate females. In: *Primate Social Conflict* (ed. by W.A. Mason and S. Mendoza). SUNY Press, Albany, pp. 49-83.
- Silk, J.B. 1993. Primatological perspectives on gender hierarchies. In: *Gender Hierarchies* (ed. by B. Miller). Cambridge University Press, Cambridge., pp. 212-235.

- Silk, J.B. 1993. Does participation in coalitions influence dominance relationships among male bonnet macaques? *Behaviour* 126:171-189.
- Silk, J.B. 1994. Social relationships of male bonnet macaques: male bonding in a matrilineal society. *Behaviour* 130:271-291.
- Cheney, D.L., Seyfarth, R.M., & Silk, J.B. 1995. The role of grunts in reconciling opponents and facilitating interactions among adult female baboons. *Animal Behaviour* 50:249-257.
- Cheney, D.L., Seyfarth, R.M., & Silk, J.B. 1995. The responses of female baboons (*Papio cynocephalus ursinus*) to anomalous social interactions: evidence for causal reasoning? *Journal of Comparative Psychology* 109: 134-141.
- Silk, J.B., Cheney, D.L., & Seyfarth, R.M. 1996. The form and function of post-conflict interactions among female baboons. *Animal Behaviour* 52:259-268.
- Silk, J.B. 1996. Why do primates reconcile? *Evolutionary Anthropology* 5: 39-42.
- Levine, N.E. & Silk, J.B. 1997. Why polyandry fails: sources of instability in polyandrous marriages. *Current Anthropology* 38: 375-398.
- Kummer, H., Daston, L., Gigerenzer, G. & Silk, J.B. 1997. The social intelligence hypothesis. In: *Human by Nature* (ed. by P. Weingart, S.D. Mitchell, P.J. Richerson, and S. Maasen). Erlbaum Press, pp 157-179.
- Silk, J.B. 1997. The function of peaceful post-conflict contacts among primates. *Primates* 38: 265-279.
- Silk, J.B. 1998. Making amends: adaptive perspectives on conflict remediation in monkeys, apes, and humans. *Human Nature* 9:341-368.
- Frantzen, M.A.J., Silk, J.B., Ferguson, J.W.H., Wayne, R.K., and Kohn, M.H. 1998. Empirical evaluation of preservation methods for fecal DNA. *Molecular Ecology* 7:1423-1428.
- Silk, J.B. 1999. Why are infants so attractive to others? The form and function of infant handling in bonnet macaques. *Animal Behaviour* 57:1021-1032.
- Silk, J.B. 1999. Male bonnet macaques use information about third party rank relationships to recruit allies. *Animal Behaviour* 58: 45-51.
- Silk, J.B., D.L. Cheney, and R.M. Seyfarth. 1999. The structure of social relationships among female savannah baboons in Moremi Reserve, Botswana. *Behaviour* 136: 679-703.

Silk, J.B. and Stanford, C.B. 1999. Infanticide article disputed. *Anthropology News* 40: 27-29.

Silk, J.B., E. Kaldor, and R. Boyd. 2000. Cheap talk when interests conflict. *Animal Behaviour* 59: 423-432.

Silk, J.B. 2000. The function of peaceful post-conflict interactions: an alternate view. In: *Natural Conflict Resolution* (ed. by F. Aureli and F.B.M. de Waal), University of California Press, Berkeley, CA, pp 179-181.

Palombit, R.A., D.L. Cheney, J. Fischer, S. Johnson, D. Rendall, R.M. Seyfarth, and J.B. Silk. 2000. Male infanticide and defense of infants in chacma baboons. In: *Male Infanticide and its Implications* (ed. by C.P. van Schaik and C.H. Janson), Cambridge University Press, Cambridge, pp. 123-151.

Silk, J.B. 2000. Review of *On the Move: How and Why Animals Travel in Groups* edited by S. Boinski and P.A. Garber. *Ethology* 106: 1045-1048.

Silk, J.B. 2001. Ties that bond: the role of kinship in primate societies. In: *New Directions in Anthropological Kinship* (ed. by L. Stone), Rowman and Littlefield, Boulder, CO, pp. 71-92.

Silk, J.B. 2001. Primate socioecology. In: *International Encyclopedia of the Social and Behavioral Sciences*, (ed. by N. Smelser and P. Baltes), Elsevier Science, Oxford.

Silk, J.B. 2001. Bonnet macaques: evolutionary perspectives on females' lives. In: *Model Systems in Behavioral Ecology*, (ed. by L.A. Dugatkin), Princeton University Press, Princeton, N.J., pp. 433-452.

Silk, J.B. 2001. Review of *Tree of Origin: What Primate Behavior Can Tell Us about Human Social Evolution* edited by F.B.M. de Waal. *Evolution and Human Behavior* 22(6): 443-448.

Silk, J.B. 2002. Grunts, grineys, and good intentions: the origins of strategic commitment in nonhuman primates. In: *Commitment: Evolutionary Perspectives* (ed. by R. Nesse), Russell Sage Press, pp. 138-157.

Silk, J.B. 2002. Kin selection in primate groups. *International Journal of Primatology* 23(4): 849-875.

Silk, J.B. 2002. Females, food, family, and friendship. *Evolutionary Anthropology* 11: 85-87.

Silk, J.B. 2002. The form and function of reconciliation in primates. *Annual Review of Anthropology* 31: 21-44.

- Silk, J.B. guest editor. 2002. What are friends for? The adaptive value of social bonds. *Behavior* 139(2-3).
- Silk, J.B. 2002. Introduction to special edition. *Behavior* 139(2-3): 173-175.
- Silk, J.B. 2002. Using the 'F' word in primatology. *Behavior* 139(2-3): 421-446.
- Boyd, R., Silk, J.B. 2002. Human Sociobiology. In: *Encyclopedia of Evolution*.
- Brown, G.R., Silk, J.B. 2002. Reconsidering the null hypothesis: Is maternal rank associated with birth sex ratios in primate groups? *Proceedings of the National Academy of Sciences* 99(17): 11252-11255.
- Silk, J.B. 2002. Practice random acts of aggression and senseless acts of intimidation: the logic of status contests in social groups. *Evolutionary Anthropology* 11:221-225.
- Buchan, J.C., Alberts, S.C., Silk, J.B., Altmann, J. 2003. True paternal care in a multi-male primate society. *Nature* 425:179-181.
- Silk, J.B., Rendall, D., Cheney, D.L., Seyfarth, R.M. 2003. Natal attraction in adult female baboons (*Papio cynocephalus ursinus*) in the Moremi Reserve, Botswana. *Ethology* 109:627-644.
- Silk, J.B. 2003. Cooperation without counting: the puzzle of friendship. In: *The Genetic and Cultural Evolution of Cooperation* (P. Hammerstein, ed.), Dahlem Workshop Report 90. Cambridge, MA, The MIT Press.
- McElreath, R., Clutton-Brock, T.H., Fehr, E., Fessler, D.M.T., Hagen, E.H., Hammerstein, P., Kosfeld, M., Milinski, M., Silk, J.B., Tooby, J., & Wilson, M.I. (2003). The Role of Cognition and Emotion in Cooperation. In: *The Genetic and Cultural Evolution of Cooperation* (P. Hammerstein, ed.), Dahlem Workshop Report 90. Cambridge, MA, The MIT Press.
- Silk, J.B., Alberts, S.C., Altmann, J. 2003. Social bonds of female baboons enhance infant survival. *Science* 302:1331-1334.
- Silk, J.B., Alberts, S.C., Altmann, J. 2004. Patterns of coalition formation by adult female baboons in Amboseli, Kenya. *Animal Behaviour* 67: 573-582.
- Manson, J.H., Navarette, C.D., Silk, J.B., Perry, S. 2004. Time-matched grooming in female primates? New analyses from two species. *Animal Behaviour* 67: 493-500.
- Silk, J.B., Brown, G.R. 2004. Sex ratios in primate groups. In: *Sexual Selection in Primates* (P. Kappeler, C. van Schaik, eds.) Cambridge University Press.

Cheney D.L., Seyfarth, R.M., Fischer, J., Beehner, J., Bergman, T., Johnson, S.E., Kitchen, D.M., Palombit, R.A., Silk, J.B. 2004. Factors affecting reproduction and mortality among baboons in the Okavango Delta, Botswana. *International Journal of Primatology* 25:401-428.

Silk, J.B., Willoughby, E., & Brown, G.R. 2005. Maternal rank and local resource competition do not predict birth sex ratios in wild baboons. *Proceedings of the Royal Society London, Series B* 272: 569-574.

Silk, J.B. 2005. The evolution of cooperation in primate groups. In: *Moral Sentiments and Material Interests: On the Foundations of Cooperation in Economic Life* (H. Gintis, S. Bowles, R. Boyd, and E. Fehr eds.), MIT Press, Cambridge, pp. 43-73.

Silk, J.B., Brosnan, S.F., Vonk, J., Henrich, J., Povinelli, D.J., Richardson, A.F., Lambeth, S.P., Mascaró, J., Schapiro, S.J. 2005. Chimpanzees are indifferent to the welfare of other group members. *Nature* 435: 1357-1359.

Silk, J.B. 2006. Practicing Hamilton's Rule: Kin selection in primate groups. In: *Cooperation in Primates and Humans. Mechanisms and Evolution*. (P.M. Kappeler & C.P. van Schaik, eds.) Springer, Berlin, pp. 25-46.

Cheney, D.L., Seyfarth, R.M., Fischer, J., Beehner, J., Bergman, T., Johnson, S., Kitchen, D.M., Palombit, R.A., Rendall, D., & Silk, J. 2006. Reproduction, mortality, and female reproductive success in chacma baboons of the Okavango Delta, Botswana. In: *Reproduction and Fitness in Baboons* (L. Swedell, & S. Leigh, eds.). Springer, Berlin, pp. 147-176.

Silk, J.B. 2006. Who are more helpful, humans or chimpanzees? *Science* 311: 1248-1249.

Silk, J.B., Brosnan, S.F., Vonk, J., Henrich, J., & Povinelli, D.J., Richardson, A.S., Lambeth, S.P., Mascaró, J., & Shapiro, S.J. 2006. Chimpanzee choice and prosociality (Reply). *Nature* 440: E6.

Silk, J.B., Altmann, J., & Alberts, S.C. 2006. Social relationships among adult female baboons (*Papio cynocephalus*) I. Variation in the strength of social bonds. *Behavioral Ecology and Sociobiology* 61: 183-195

Silk, J.B., Alberts, S.C., Altmann, J. 2006. Social relationships among adult female baboons (*Papio cynocephalus*) II: Variation in the quality and stability of social bonds. *Behavioral Ecology and Sociobiology* 61:197-204.

Silk, J.B. 2007. Animal behavior: conflict management is for the birds. *Current Biology* 17: R50-51.

- Silk, J.B. 2007. The adaptive value of sociality in mammalian groups. *Philosophical Transactions of the Royal Society* 362: 539-559.
- Silk, J.B. 2007. Who lived in the Environment of Evolutionary Adaptedness? In: *Evolution of Mind* (S.W. Gangestad & J. A. Simpson , eds.) Guildford Press, New York, pp. 103-110.
- Silk, J.B. 2007. Empathy, sympathy, and prosocial preferences in primates. In: *Oxford Handbook of Evolutionary Psychology* (R.I.M. Dunbar & L. Barrett, eds.) Oxford, Oxford University Press, pp. 115-126.
- Silk, J.B. 2007. The strategic dynamics of cooperation in primate groups. *Advances in the Study of Behaviour* 37:1-42.
- Duffy, K.G., Wrangham, R.W., Silk, J.B. 2007. Male chimpanzees exchange political support for mating opportunities. *Current Biology* 21: R586-587.
- Silk, J.B. 2007. Chimps don't just get mad, they get even. *Proceedings of the National Academy of Sciences* 104:13537-13538.
- Silk, J.B. 2007. Social components of fitness in primate groups. *Science* 317:1347-1351.
- Vonk, J., Brosnan, S.F., Silk, J.B., Henrich, J., Richardson, A.S., Lambeth, S.P., Schapiro, S.J., Povinelli, D.J. 2008. Chimpanzees do not take advantage of very low cost opportunities to deliver food to unrelated group members, *Animal Behaviour* 75:1757-1770.
- McNutt, J.W., Silk, J.B. 2008. Pup production, sex ratios, and survivorship in African wild dogs, *Lycaon pictus*. *Behavioral Ecology and Sociobiology* 62:1061-1067.
- Silk, J.B., Brown, G.R. 2008. Local resources competition and local resource enhancement shape primate birth sex ratios. *Proceedings of the Royal Society London, Series B*. 275: 1761-1765.
- Silk, J.B. 2008. Social preferences in primates. In: *Neuroeconomics: Decision Making and the Brain* (P. Glimcher, C. Camerer, E. Fehr, & R. Poldrack, eds.) Elsevier, London, pp. 267-282.
- Silk, J.B. 2009. Q&A. *Current Biology* 19: R8-9
- Brosnan, S.F., Silk, J.B., Henrich, J., Mareno, M.C., Lambeth, S.P., Schapiro, S.J. 2009. Chimpanzees (*Pan troglodytes*) do not develop contingent reciprocity in an experimental task. *Animal Cognition* 12: 587-597.

Cronin, K.A., Schroeder, K.K.E., Rothwell, E.S., Silk, J.B., Snowdon C.T. 2009. Cooperatively breeding cottontop tamarins (*Saguinus oedipus*) do not donate rewards to their long-term mates. *Journal of Comparative Psychology* 123:231-241.

Frank, R., Silk, J.B. 2009. Grooming exchange between mothers and non-mothers: the price of natal attraction in wild baboons (*Papio anubis*). *Behaviour* 136: 889-906.

Frank, R., Silk, J.B. 2009. Impatient traders or contingent reciprocators? Evidence for the extended time course of grooming exchanges in baboons. *Behaviour* 136: 1123-1135.

Silk, J.B., Beehner, J.C., Berman, T.J., Crockford, C., Engh, A.L., Moscovice, L.R., Wittig, R.M., Seyfarth, R.M., & Cheney, D.L. 2009. The benefits of social capital: close social bonds among female baboons enhance offspring survival. *Proceedings of the Royal Society London, Series B*. 276: 3099-3014.

Silk, J.B. 2009. Commentary in *Why We Cooperate* by Michael Tomasello. MIT Press, Cambridge: MA. pp. 111-122.

Silk, J.B. 2009. Nepotistic cooperation in nonhuman primate groups. *Philosophical Transactions of the Royal Society* 364: 3243-3254.

Kappeler, P.M., Silk, J.B., Burkart, J., van Schaik, C. P. 2010. Primate behavior and human universals: exploring the gap. In: *Mind the Gap: The origins of human universals* (P. Kappeler, J.B. Silk, eds). Springer Verlag, Berlin., pp. 3-15.

Silk, J.B., & Boyd, R. 2010. From grooming to giving blood: the origins of human altruism. In: *Mind the Gap: The origins of human universals* (P. Kappeler, J.B. Silk, eds). Springer Verlag, Berlin., pp. 223-244.

Whiten, A., McGrew, W.C., Aiello, L.C., Boesch, C., Boyd, R. Byrne, R.W., Dunbar, R.I.M., Matsuzawa, T., Silk, J.B., Tomasello, M., van Schaik, C.P., & Wrangham, R.W. 2010. Studying extant species to model our past. *Science* 327:410.

Silk, J.B. 2010. Review of *The Age of Empathy: Nature's Lessons for a Kinder Society* by F.B.M. de Waal. *American Scientist* 98: 158-160.

Silk, J.B., Beehner, J.C., Berman, T.J., Crockford, C., Engh, A.L., Moscovice, L.R., Wittig, R.M., Seyfarth, R.M., & Cheney, D.L. 2010. Female chacma baboons form strong, equitable, and enduring social bonds. *Behavioral Ecology and Sociobiology* 61: 197-204.

Silk, J.B., Beehner, J.C., Berman, T.J., Crockford, C., Engh, A.L., Moscovice, L.R., Wittig, R.M., Seyfarth, R.M., & Cheney, D.L. 2010. Strong and consistent social bonds enhance the longevity of female baboons. *Current Biology* 20: 1359-1361.

Silk, J.B. & Strum, S.C. (2010) Maternal condition does not influence birth sex ratios in anubis baboons (*Papio anubis*). *Public Library of Science One* 5: 312750.

Rosenbaum, S., Silk, J.B., & Stoinski, T. (in press). Male-immature relationships in multi-male groups of mountain gorillas (*Gorilla berengei berengei*). *American Journal of Primatology*.

INVITED LECTURES (2005-2010)

Sex ratio adjustment in primates: Nice theories meet ugly facts. Behavioral Ecology Research Group, University of Stony Brook, 18 March 2005.

The origins of prosocial sentiments. Department of Anthropology, University of College London, October 2005

The origins of prosocial sentiments Department of Biological Anthropology, Cambridge University, October 2005.

The origins of prosocial sentiments Open meeting on Empathy and Fairness, sponsored by the Novartis Foundation, The Royal Institution and the Physiological Society, London, October 2005

The origins of prosocial sentiments Max Planck Institute for Evolutionary *The origins of prosocial sentiments* Anthropology, Leipzig, February 2006

The origins of prosocial sentiments Department of Psychology, University of St Andrews, May 2006

The origins of prosocial sentiments Department of Psychology, Newcastle University, May 2006

The origins of prosocial sentiments Center for Behavior, Evolution, & Culture, UCLA, November 2006

Discussant at conference on Empathy and Fairness, sponsored by the Novartis Foundation, Londn, 25-27 October, 2005.

The origins of prosocial sentiments. Symposium: The nature of human cooperation. University of Lausanne, Switzerland, 9-10 Mar 2006.

The adaptive value of sociality. Symposium: Social intelligence: from brain to culture. The Royal Society, Scientific Discussion Meeting, London, 22-23 May 2006.

No monkey is an island: the adaptive value of social bonds. Plenary address, Human Behavior and Evolution Society, Philadelphia, June 2006

What motivates chimpanzees to cooperate? Putting together data from the field and lab. Symposium: Cognition and Cooperation in Chimpanzees, Ngamba Island, Uganda, June 2006

The adaptive value of social bonds. Department of Biology, Ecology, and Evolution, UCLA, November 2006.

Cooperation, cognition, and concern, Symposium: The Co-Evolution of Behaviors and Institutions, 1-4 January 2007, Santa Fe Institute, Santa Fe, N.M. January 2007.

Why apes don't recycle. Symposium: Explaining Humans, Mar 10, 2007, UCSD Project for Explaining the Origin of Humans, Salk Institute for Biological Studies, La Jolla, CA,

Why apes don't recycle. Symposium: Understanding Other Minds and Moral Agency, April 19-21, 2007, College of the Holy Cross, Worcester, MA.

The evidence for social bonds in primate groups. Meetings of the American Association of Physical Anthropologists, March 29-April 1, 2007, Philadelphia, PA.

Local resource competition and local resource enhancement in primate groups. Center for Behavior, Evolution, and Culture, UCLA, April 2007.

Foundations, functions, and limits of cooperation in nonhuman primate groups. Sixth Göttinger Frielandtage, Primate Behavior and Human Universals, 10-15 December, 2007.

Social preferences in Primates. Neureconomics: decision making and the brain, New York University, 11-13 January 2008

Adaptive variation in primate sex ratios. Animal Behavior Graduate Group, University of California, Davis, 9 March, 2008.

From grooming to giving blood: what other primates can tell us about the origins of human altruism. Department of Biological Anthropology and Anatomy, Duke University, 6 May 2008.

Social security: The meaning of social bonds for female baboons. Department of Ecology, Evolution, and Behavior, University of Minnesota, 3 September 2008.

Why apes don't recycle: the origins of altruistic social preferences. Department of Anthropology, University of Minnesota, 4 September 2008.

Social security: The meaning of social bonds for female baboons. Department of Biology, Michigan State University, 17 September 2008.

Social security: The meaning of social bonds for female baboons. Social Psychology colloquium series, UCLA. October 2008

The Curse of Committeework. Commentary on lectures delivered by Michael Tomasello, Tanner Lecture Series, Stanford University, 31 October 2008.

Why apes don't recycle: the origins of human altruism. Wenner Gren Conference on Human Evolution, Stockholm, Sweden, Nov 6-8, 2008.

Biological Origins of Human Group Behavior, discussant, conference sponsored by Trilience Research, California Institute of Technology, 18-19 Nov 2008.

On good behavior: exploring the biological roots of caring and sharing. Public lecture, San Francisco Exploratorium, 13 Dec 2008.

Nepotistic cooperation in primates. Symposium: The Evolution of Society. The Royal Society, Scientific Discussion Meeting, London, 19-20 January 2009.

Conflict, Promises, and Trust. Tanner Center for Nonviolent Human Rights Advocacy conferenced on The Evolution of Aggression: Lessons for Today's Conflicts, 25-27 February 2009.

Social security: the adaptive value of social bonds. Darwin's Legacy Lecture Series, University of California, San Diego, 3 March 2009.

Social security: the adaptive value of social bonds. Plenary lecture, European Human Behavior and Evolution Society, Edinburgh, Scotland, 5-8 April 2009.

Organizer, Workshop on *The Evolutionary Foundations and Functions of Close Social Bonds*, funded by UCLA Interdisciplinary Relationship Science Program, UCLA, 16-18 April 2009.

How do monkeys choose partners? Workshop: Social cognition in animals: Is it as smart as it looks? Haren, The Netherlands, 25-26 October 2009.

The Roots of Prosocial Preferences. Symposium: Understanding Moral Sentiments from a Darwinian Perspective: An Exploration of the Roots and Complexity of Ethical Judgment, Templeton Foundation, Harvard University, 20-22 November 2009.

The origins of prosocial preferences. IGERT Program in Evolutionary Modeling Seminar Series, University of Washington, Seattle, WA, 18 February 2010.

Social bonds and social preferences. Symposium: Human Uniqueness, Arizona State University, 19-21 February 2010.

The roots of compassion. Symposium: Altruism and Compassion in Economic Systems. Mind and Life XX Conference, Zurich, Switzerland, 9-11 April 2010.

Origins of Prosocial Preferences. Department of Biology, University of Binghamton, 3 May 2010.

From Social Bonds to Social Preferences. School of Human Evolution and Social Change, Arizona State University, 20 September 2010.

Moderator, *Animal Thinking: Contemporary Perspectives on Comparative Cognition*, Ernst-Strüngmann Forum, Frankfurt, Germany, 26 September-1 October 2010.

The Tangled Roots of Prosocial Preferences. Evolution of Altruism, Boston University Dialogues in Biological Anthropology, 20-21 October, 2010.