

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**

- 2019 Regents Professor, Arizona State University
- 2015 Fellow, American Academy of Arts and Sciences
- 2009 Fellow, Animal Behavior Society
- 1993 Fellow, American Anthropological Association
- 1976-1981 Recipient of the Regents Fellowship, University of California, Davis

**ACADEMIC POSITIONS**

- 2012-present Professor, School of Human Evolution and Social Change, Arizona State University
- 2012 Distinguished Professor, Department of Anthropology, University of California, Los Angeles
- 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
- 1995-2013 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

**PROFESSIONAL ACTIVITIES**

2019–present Editorial Board, *Philosophical Transactions of the Royal Society B*

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*

2017 Member, external review committee, Department of Anthropology, University of Minnesota

2015 Member, Post-doctoral award committee, Human Behavior & Evolution Society

2014 Member, external review committee, Department of Human Evolutionary Biology, Harvard University

2012	Program Committee, Human Behavior & Evolution Society
2009-present	Editorial Board, <i>International Journal of Primatology</i>
2009-2014	Associate Editor, <i>Behavioral Ecology and Sociobiology</i>
2009-2010	Election Committee member, International Society of Primatology
2007-2013	Scientific Advisory Board, Courant Research Centre on <i>Evolution and Social Behaviour</i> , University of Gottingen, Germany
2007-present	Scientific Executive Committee, Leakey Foundation
2006-present	Consulting Editor, <i>Human Behavior and Evolution</i>
2005-present	Advisory Board, <i>Primates</i>
1991-present	Editorial Board, <i>Human Nature</i>
2007	External reviewer, Department of Anthropology, Stony Brook University of New York
2006	External reviewer, Institute of Anthropology, University of Zurich, Switzerland
1993-96, 2002	Panelist, National Science Foundation Biological Anthropology Section
1994-95	Editorial Board, <i>The American Naturalist</i>
1990-95	Editorial Board, <i>American Journal of Physical Anthropology</i>

## **PUBLICATIONS**

### **A. Books**

Boyd, R. & Silk, J.B. 1997, 2000, 2003, 2006, 2009, 2012, 2015, 2018. *How Humans Evolved*. W.W. Norton Press, New York.

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

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

Japanese translation (5<sup>th</sup> Edition). 2011.

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.

Mitani, J., Call, J., Kappeler, P., Palombit, R., Silk, J.B. (editors) (2012). *The Evolution of Primate Societies*. University of Chicago Press, Chicago.

## **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 JB, Samuels A. 1984. Triadic interactions among *Macaca radiata*: passports and buffers. *American Journal of Primatology* 6:373-376.
- 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.
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- 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.
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- 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.
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- 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, pp. 12028-12032.

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, girneys, 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* (M. Pagel, ed.), Oxford University Press, Oxford, pp. 533-537.

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, pp. 37-54.

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, pp. 125-152.

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, pp 253-265.

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.

Reprinted in Emery, NJ, Clayton, NS & Frith, CD (Eds., 2007). *Social Intelligence: From Brain to Culture*. Oxford University Press: Oxford, pp. 89-121.

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- 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.
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- 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.
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## **INVITED LECTURES (2014-2019)**

*The adaptive value of social bonds*. Workshop on Cross-Species Comparisons of Social Environments, Social Behaviors, and their Effects on Health and Longevity, National Research Council, Washington DC, 8-9 April 2014.

*Negotiating social bonds in baboons*. Plenary lecture, EVOLANG, Vienna, Austria, 13-17 April 2014.

Participant in workshop of EthoInformatics Working Group, University of Texas, Austin, 15-17 May, 2015.

*The phylogeny and ontogeny of altruistic social preferences.* University of Maryland, 13 November 2014.

*The evolution of altruistic social preferences.* Department of Logic and Philosophy of Science, University of California, Irvine, 22 May 2015.

*The origins of the prosocial ape.* Invited lecture, 3rd Toulouse Economics and Biology Workshop: Evolution and Morality, Toulouse, France 4-5 June 2015.

*Building strong bonds: patterns, mechanisms, and adaptive outcomes.* Plenary lecture, 34<sup>th</sup> International Ethological Conference, Cairns, Australia, 9-14 August 2015.

*The Adaptive Value of Social Bonds.* ScienceCafe lecture, Phoenix Public Library, 10 December 2015.

*The origins of the prosocial ape.* Department of Biological Anthropology, Duke University, 4 March 2016

*The origins of the prosocial ape.* Department of Psychology, University of Pennsylvania, 5 April 2016.

Sociality, cognition, and communication in nonhuman primates, co-organizer of symposium at meeting of the International Primatological Society, Chicago, IL August 2016 co-organized with J. Beehner, T. Bergman, & J. Fischer.

*The origins of the prosocial ape.* Margo Wilson Memorial Lecture, McMaster University, 6 October 2016.

*The origins of the prosocial ape.* Humboldt University, Berlin, Germany, 14 July 2017.

*What are male "friends" for?* German Primate Center, Workshop on Frontiers in Baboon Research, German Primate Center, Gottingen, Germany, 17-20 October 2017.

*Universal norm psychology underlies cross-cultural variation in prosocial behavior,* Department of Human Evolutionary Biology, Harvard University, 28 September 2018.

*The phylogenetic roots of kinship systems.* Workshop on evolution of kinship, Australia National University, Canberra, Australia, 28 February-1 March 2019.

*Primatology: Hamilton (1964) in 2019*, Workshop on WD Hamilton's contributions to biology, Gruter Foundation, Oxford, England, 5-7 September, 2019.

*Derived universal norm psychology underlies cross-cultural variation in prosocial behavior*, Behavioral Neuroscience program, Arizona State University, 25 Sep 2019.

*Male reproductive tactics: a life history perspective*, Behavioral Ecology Group, Stony Brook University, 3 Oct 2019.

*The phylogeny & ontogeny of prosocial behavior*, Cognitive Psychology Unit, University of Leiden, 13 November 2019.

*Building strong bonds in baboons*, Plenary Talk, Cognition, Behavior, and Evolution Network Conference, 14-15 November 2019, Amsterdam, The Netherlands.