

## CURRICULUM VITAE

### **Dorothy L. Cheney**

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Date and Place of Birth: August 24, 1950; Boston, Mass.

### **EDUCATION**

B.A. Wellesley College, 1972. Academic year 1970-71 spent at the London School of Economics

Ph.D. Sub-Department of Animal Behaviour, University of Cambridge, 1977.

### **POSITIONS HELD**

1991-present: Associate to Full Professor, Department of Biology, and member of the Graduate Group, Departments of Psychology and Anthropology, University of Pennsylvania

1985-1991: Assistant to Associate Professor, Department of Anthropology, University of Pennsylvania

1981-1985: Assistant Professor, Department of Anthropology, University of California at Los Angeles

1979-81: Assistant Professor, Rockefeller University

1976-79: Post-Doctoral Fellow, Rockefeller University

### **RESEARCH EXPERIENCE**

2011-2012: Co-director of research on social behavior of baboons, Moremi Game Reserve, Botswana

1992-2008: Co-director of research on communication and social behavior of baboons, Moremi Game Reserve, Botswana

1977-1990: Co-Director of research on behavior and ecology of vervet monkeys, Amboseli National Park, Kenya

1985-1990: Research on captive rhesus and Japanese macaques, California Primate Research Center, University of California at Davis.

1983: Field research on behavior and vocalizations of Mountain Gorillas, Parc National des Volcanes, Rwanda

1981-82: Research on captive vervet monkeys, University of California at Los Angeles

1972-74: Research on behavior of baboons, Mountain Zebra National Park, South Africa

## **HONORS AND AWARDS**

Distinguished Alumni Award, Phillips Andover Academy, 2017  
Distinguished Primatologist Award, American Society of Primatology, 2016  
Distinguished Animal Behaviorist Award, Animal Behavior Society, 2016  
Member, U.S. National Academy of Sciences, 2015  
Doctor of Science, *Honoris causa*, University of Neuchatel, Switzerland, 2013  
Cozzarelli Prize for the best article in the area of Behavioral and Social Sciences, *Proceedings of the National Academy of Sciences*, 2010  
Biology Department Teaching Award, 2009  
Fellow of the American Academy of Arts and Sciences, 1999  
Fellow of the Animal Behavior Society, 1997  
Tanner Lectures, Cambridge University, 1997  
John Simon Guggenheim Fellow, 1995-96  
W.W. Howells Book Prize (awarded by the American Anthropological Association) for *How Monkeys See the World*, 1993  
Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford, CA, 1983-84  
University of Pennsylvania Young Scientist Award (jointly with R.M. Seyfarth), 1986  
Durant Scholar, Wellesley College, 1972

## **RESEARCH GRANTS**

NIMH: Vocal communication and behavior of baboons, Co-Principal Investigator with Robert M. Seyfarth, 2004-2007.  
NIMH: Vocal communication and behavior of baboons, Co-Principal Investigator with Robert M. Seyfarth, 2000-2004.  
University of Pennsylvania Research Foundation, 2002.  
Leakey Foundation, 1999.  
NSF: "Behavior and communication of free-ranging baboons", Co-Principal Investigator with Robert M. Seyfarth, 1996-2000.  
NIH: "Vocal communication in free-ranging baboons", Co-Principal Investigator with Robert M. Seyfarth, 1992-1997.  
National Geographic Society: "Vocal communication in free-ranging baboons", Co-Principal Investigator with Robert M. Seyfarth, 1992  
University of Pennsylvania Research Foundation: Co-Principal Investigator with Robert M. Seyfarth, 1992  
NIH: "Vocal development in non-human primates", Co-Principal Investigator with R.M. Seyfarth and M.J. Owren, 1983-1990  
NSF: "Social organization and communication among free-ranging vervet monkeys", Co-Principal Investigator with Robert M. Seyfarth, 1980-1990  
H.F. Guggenheim Foundation: Co-Principal Investigator with Robert M. Seyfarth, 1980-1983  
H.F. Guggenheim Foundation: Co-Principal Investigator with M.R. Petersen and R.M. Seyfarth, 1983-1985  
Rockefeller University Post-Doctoral Fellowship, 1978-79  
NSF: National Needs Post-Doctoral Fellow, Rockefeller University, 1977-78  
Wenner-Gren Foundation Grant-in-Aid, Rockefeller University, 1976-77

**PUBLICATIONS****Books**

- Cheney, D.L. & Seyfarth, R.M. 2007. *Baboon Metaphysics: The Evolution of a Social Mind*. University of Chicago Press.
- Cheney, D.L. & Seyfarth, R.M. 1990. *How Monkeys See The World: Inside The Mind Of Another Species*. Chicago: University of Chicago Press.

**Edited Books**

- Smuts, B., Cheney, D., Seyfarth, R., Wrangham, R. & Struhsaker, T. 1987. *Primate Societies*. Chicago: University of Chicago Press.

**Journal Articles**

- Cheney, D.L. & Seyfarth, R.M. 2018. Flexible usage and social function in primate vocalizations. *Proceedings of the National Academy of Sciences USA* **115**, 1974-1979.
- Seyfarth, R.M. & Cheney, D.L. 2018. Pragmatic flexibility in primate vocal production. *Current Opinion in Behavioral Sciences* **21**, 56-61.
- Bray, E., Sammel, M.D., Cheney, D.L., Serpell, J.A. & Seyfarth, R.M. 2017. Effects of maternal investment, temperament, and cognition on guide dog success. *Proceedings of the National Academy of Sciences USA* **114**, 9128-9133.
- Bray, E., Sammel, M.D., Seyfarth, R.M., Serpell, J.A. & Cheney, D.L. 2017. Temperament and problem-solving in a population of adolescent guide dogs. *Animal Cognition* **20**, 923-939.
- Schamberg, I., Cheney, D.L. & Seyfarth, R.M. 2017. Bonobos (*Pan paniscus*) perform branch drag displays before long-distance travel. *International Journal of Primatology* **38**, 500-512. doi:10.1007/s10764-017-9957-x.
- Schamberg, I., Cheney, D.L., Clay, Z., Hohmann, G. & Seyfarth, R.M. 2017. Bonobos use call combinations to facilitate travel recruitment. *Behavioral Ecology & Sociobiology* **71**, 75-82. DOI 10.1007/s00265-017-2301-9
- Bray, E., Sammel, M.D., Cheney, D.L., Serpell, J. & Seyfarth, R.M. 2017. Characterizing early maternal style in a population of guide dogs. *Frontiers in Psychology* **8**, 175. doi: 10.3389/fpsyg.2017.00175.
- Seyfarth, R.M. & Cheney, D.L. 2017. Precursors to language: Social cognition and pragmatic inference in primates. *Psychonomic Bulletin and Review* **24**, 79-84. DOI 10.3758/s13423-016-1059-9
- Silk, J.B., Seyfarth, R.M. & Cheney, D.L. 2016. Strategic use of affiliative vocalizations by wild female baboons. *PLoS One* **11**, e0163978. doi:10.1371/journal.pone.0163978.
- Schamberg, I., Cheney, D.L., Clay, Z., Hohmann, G. & Seyfarth, R.M. 2016. Call combinations, vocal exchanges, and inter-party movement in wild bonobos. *Animal Behaviour* **122**, 109-116.
- Seyfarth, R.M. & Cheney, D.L. 2016. The origin of meaning in animal signals. *Animal Behaviour* **124**, 339-346. <http://dx.doi.org/10.1016/j.anbehav.2016.05.020>.
- Cheney, D.L., Silk, J.B. & Seyfarth, R.M. 2016. Network connections, dyadic bonds, and fitness in wild female baboons. *Royal Society Open Science* **3**, 160255. <http://dx.doi.org/10.1098/rsos.160255>

- Platt, M.L., Seyfarth, R.M., & Cheney, D.L. 2016. Adaptations for social cognition in the primate brain. *Philosophical Transactions of the Royal Society* **371**, 20150096. <http://dx.doi.org/10.1098/rstb.2015.0096>
- Kalbitzer, U., Heistermann, M., Cheney, D.L., Seyfarth, R.M., & Fischer, J. 2015. Social behaviour and patterns of testosterone and glucocorticoid levels differ between male Chacma and Guinea baboons. *Hormones and Behavior* **75**, 100-110.
- Price, T., Hammerschmidt, K., Wadewitz, P., Cheney, D.L., Seyfarth, R.M., & Fischer, J. 2015. Vervets revisited : A quantitative analysis of alarm call structure and context specificity. *Scientific Reports* **5**, 13220; doi: 10.1038/srep13220.
- Seyfarth, R.M. & Cheney, D.L. 2015. How sociality shapes the brain, behaviour, and cognition. *Animal Behaviour* **103**, 187-190.
- Seyfarth, R.M. & Cheney, D.L. 2015. Social cognition. *Animal Behaviour* **103**, 191-202.
- Gersick, A.S., Cheney, D.L., Schneider, J.M., Seyfarth, R.M., & Holekamp, K.E. 2015. Long-distance communication facilitates cooperation among wild spotted hyaenas (*Crocuta crocuta*). *Animal Behaviour* **103**, 107-116.
- Cheney, D.L., Crockford, C., Engh, A.E., Wittig, R., & Seyfarth, R.M. 2015. The costs of parental and mating effort for male baboons. *Behavioral Ecology and Sociobiology* **69**, 303-312.
- Seyfarth, R.M. & Cheney, D.L. 2014. The evolution of language from social cognition. *Current Opinion in Neurobiology* **28**, 5-9.
- Seyfarth, R.M., Silk, J.B., & Cheney, D.L. 2014. Social bonds in female baboons : The interaction between personality, kinship, and rank. *Animal Behaviour* **87**, 23-29.
- Kitchen, D.M., Cheney, D.L., Engh, A.L., Fischer, J., Moscovice, L.R., & Seyfarth, R.M. 2013. Male baboon responses to experimental manipulations of loud 'wahoo calls' : testing an honest signal of fighting ability. *Behavioral Ecology & Sociobiology* **67**, 1825-1835.
- Silk, J.B., Cheney, D.L. & Seyfarth, R.M. 2013. A practical guide to the study of social relationships. *Evolutionary Anthropology* **22**, 213-225.
- Seyfarth, R.M. & Cheney, D.L. 2013. Affiliation, empathy and the origins of a Theory of Mind. *Proceedings of National Academy of Sciences* **110** (suppl. 2), 10349-10356.
- Seyfarth, R.M., Silk, J.B., & Cheney, D.L. 2012. Variation in personality and fitness in wild female baboons. *Proceedings of the National Academy of Sciences* **109**, 16980-16985.
- Seyfarth, R.M. & Cheney, D.L. 2012. Cognition, communication, and language. *Evolutionary Anthropology* **21**: 186.
- Cheney, D.L., Silk, J.B., & Seyfarth, R.M. 2012. Evidence for intrasexual selection in wild female baboons. *Animal Behaviour* **84**, 21-27.
- Silk, J.B., Alberts, S., Altmann, J., Seyfarth, R.M., & Cheney, D.L. 2012. Stability of partner choice among female baboons. *Animal Behaviour* **83**, 1511-1518.
- Seyfarth, R.M. & Cheney, D.L. 2012. The evolutionary origins of friendship. *Annual Review of Psychology* **63**, 153-177.
- Cheney, D.L. 2011. The extent and limits of cooperation in animals. *Proceedings of National Academy of Sciences* **108** (suppl. 2), 10902-10909. (Invited paper).
- Kitchen, D.M., Bergman, T.J., Nicholson, J., Cheney, D.L., & Seyfarth, R.M. 2010. Responses of four ungulate species to experimental playback of baboon loud calls. *Animal Cognition* **13**, 861-870.
- Silk, J.B., Beehner, J.C., Bergman, 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* **64**, 1733-1747.
- Seyfarth, R.M., Cheney, D.L., Bergman, T., Fischer, J., Zuberbuhler, K. & Hammerschmidt, K. 2010. The central importance of information in studies of animal communication. *Animal Behaviour* **80**, 3-8.
- Silk, J.B., Beehner, J.C., Bergman, 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.
- Cheney, D.L., Moscovice, R., Heesen, M., Mundry, R. & Seyfarth, R.M. 2010. Contingent cooperation in wild female baboons. *Proceedings of the National Academy of Sciences* **107**, 9562-9566.
- Seyfarth, R.M. & Cheney, D.L. 2010. Production, usage, and comprehension in animal vocalizations. *Brain and Language* **115**, 92-100.
- Moscovice, L.R., DiFiore, A., Crockford, C., Kitchen, D.W., Wittig, R., Seyfarth, R.M. & Cheney, D.L. 2010. Hedging their bets? Male and female chacma baboons form friendships based on likelihood of paternity. *Animal Behaviour* **79**, 1007-1015.
- Wrangham, R.W., Cheney, D.L., Seyfarth, R.M. & Sarmiento, E. 2009. Shallow-water habitats as sources of fallback foods for hominins. *American Journal of Physical Anthropology* **140**, 630-642.
- Beehner, J.C., Gesquiere, L., Seyfarth, R.M., Cheney, D.L., Alberts, S.C. & Altmann, J. 2009. Testosterone related to age and life-history stages in male baboons and geladas. *Hormones and Behavior* **56**, 472-480.
- Engh, A.L., Hoffmeier, R.R., Seyfarth, R.M. & Cheney, D.L. 2009. O brother, where art thou? The varying influence of older siblings in rank acquisition by female baboons. *Behavioral Ecology and Sociobiology* **64**, 97-104.
- Cheney, D.L. & Seyfarth, R.M. 2009. Stress and coping mechanisms in female primates. *Advances in the Study of Behavior* **39**, 1-35.
- Silk, J.B., Beehner, J.C., Bergman, 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 of London, Series B* **276**, 3099-3104.
- Moscovice, L.R., Heesen, M., Di Fiore, A., Seyfarth, R.M. & Cheney, D.L. 2009. Paternity alone does not predict long-term investment in juveniles by male baboons. *Behavioral Ecology & Sociobiology* **63**, 1471-1482.
- Seyfarth, R.M. & Cheney, D.L. 2009. Seeing who we hear and hearing who we see. Commentary. *Proceedings of the National Academy of Science* **106**, 669-670.
- Wittig, R.M., Crockford, C., Lehmann, J., Whitten, P.L., Seyfarth, R.M. & Cheney, D.L. 2008. Focused grooming networks and stress alleviation in wild female baboons. *Hormones and Behavior* **54**, 170-177.
- Crockford, C., Wittig, R.M., Whitten, P.L., Seyfarth, R.M. & Cheney, D.L. 2008. Social stressors and coping mechanisms in wild female baboons (*Papio hamadryas ursinus*). *Hormones and Behavior* **53**, 254-265.
- Crockford, C., Wittig, R.M., Seyfarth, R.M. & Cheney, D.L. 2007. Baboons eavesdrop to deduce mating opportunities. *Animal Behaviour* **73**, 885-890.
- Wittig, R.M., Crockford, C., Wikberg, E., Seyfarth, R.M. & Cheney, D.L. 2007. Kin-mediated reconciliation substitutes for direct reconciliation in female baboons. *Proceedings of the Royal Society of London, Series B* **274**, 1109-1115.

- Wittig, R.M., Crockford, C., Seyfarth, R.M. & Cheney, D.L. 2007. Vocal alliances in chacma baboons, *Papio hamadryas ursinus*. *Behavioral Ecology & Sociobiology* **61**, 899-909.
- Beehner, J.C., Bergman, T.J., Cheney, D.L., Seyfarth, R.M. & Whitten, P.L. 2006. Testosterone predicts future dominance rank and mating activity among male chacma baboons. *Behavioral Ecology & Sociobiology* **59**, 469-479.
- Bergman, T.J., Beehner, J.C., Cheney, R.M., Seyfarth, R.M. & Whitten, P.L. 2006. Interactions in male baboons: The importance of both males' testosterone. *Behavioral Ecology & Sociobiology* **59**, 480-489.
- Engh, A.E., Beehner, J.C., Bergman, T.J., Whitten, P.L., Hoffmeier, R.R., Seyfarth, R.M. & Cheney, D.L. 2006. Behavioural and hormonal responses to predation in female chacma baboons (*Papio hamadryas ursinus*). *Proceedings of the Royal Society of London, Series B*. **273**, 707-712.
- Engh, A.E., Beehner, J.C., Bergman, T.J., Whitten, P.L., Hoffmeier, R.R., Seyfarth, R.M. & Cheney, D.L. 2006. Female hierarchy instability, male immigration, and infanticide increase glucocorticoid levels in female chacma baboons. *Animal Behaviour* **71**, 1227-1237.
- Engh, A.E., Hoffmeier, R.R., Cheney, D.L. & Seyfarth, R.M. 2006. Who, me? Can baboons infer the target of vocalisations? *Animal Behaviour* **71**, 381-387.
- Beehner, J.C., Bergman, T.J., Cheney, D.L., Seyfarth, R.M. & Whitten, P.L. 2005. The effect of new alpha males on female stress in free-ranging baboons. *Animal Behaviour* **69**, 1211-1221.
- Bergman, T.J., Beehner, J.C., Cheney, D.L., Seyfarth, R.M. & Whitten, P.L. 2005. Correlates of stress in free-ranging male chacma baboons. *Animal Behaviour* **70**, 703-713.
- Cheney, D.L. & Seyfarth, R.M. 2005. Constraints and preadaptations in the earliest stages of language evolution. *Linguistic Review* **22**, 135-159.
- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M. 2005. Contextual factors mediating contests between male chacma baboons in Botswana: The effect of food, friends, females. *International Journal of Primatology* **26**, 105-125.
- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M. 2005. Male chacma baboons (*Papio hamadryas ursinus*) discriminate loud call contests between rivals of different relative ranks. *Animal Cognition* **8**, 1-6.
- Seyfarth, R.M., Cheney, D.L. & Bergman, T.J. 2005. Primate social cognition and the origins of language. *Trends in Cognitive Sciences* **9**, 264-266.
- Greene, M., Schill, K., Takahashi, S., Bateman-House, A., Beauchamp, T., Bok, H., Cheney, D., Coyle, J., Deacon, T., Dennett, D., Donovan, P., Flanagan, O., Goldman, S., Greely, H., Martin, L., Miller, E., Mueller, D., Siegel, A., Solter, D., Gearhart, J., McKhann, G. & Faden, R. 2005. Moral issues of human-non-human primate neural grafting. *Science* **309**, 385-386.
- Cheney, D.L., Seyfarth, R.M., Fischer, J., Beehner, J., Bergman, T., Johnson, S.E., Kitchen, D.M., Palombit, R.A., Rendall, D. & Silk, J.B. 2004. Factors affecting reproduction and mortality among baboons in the Okavango Delta, Botswana. *International Journal of Primatology* **25**, 401-428.
- Fischer, J., Kitchen, D.M., Seyfarth, R.M. & Cheney, D.L. 2004. Baboon loud calls advertise male quality: Acoustic features and their relation to rank, age, and exhaustion. *Behavioral Ecology & Sociobiology* **56**, 140-148.

- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M. 2004. Factors mediating inter-group encounters in savannah baboons (*Papio cynocephalus ursinus*). *Behaviour* **141**, 197-218.
- Bergman, T.J., Beehner, J.C., Cheney, D.L. & Seyfarth, R.M. 2003. Hierarchical classification by rank and kinship in baboons. *Science* **302**, 1234-1236.
- Kitchen, D.M., Cheney, D.L., & Seyfarth, R.M. 2003. Female baboons' responses to male loud calls. *Ethology* **109**, 401-412.
- Kitchen, D.M., Seyfarth, R.M., Fischer, J., & Cheney, D.L. 2003. Loud calls as an indicator of dominance in male baboons, *Papio cynocephalus ursinus*. *Behavioral Ecology & Sociobiology* **53**, 374-384.
- Seyfarth, R.M. & Cheney, D.L. 2003. Signalers and receivers in animal communication. *Annual Review of Psychology* **54**, 145-173.
- 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.
- Fischer, J., Hammerschmidt, K., Cheney, D.L. & Seyfarth, R.M. 2002. Acoustic features of male baboon loud calls: Influences of context, age, and individuality. *Journal of the Acoustical Society of America* **111**, 1465-1474.
- Fischer, J., Hammerschmidt, K., Seyfarth, R.M., & Cheney, D.L. 2001. Acoustic features of female chacma baboon barks. *Ethology*, **107**, 33-54.
- Fischer, J., Metz, M., Cheney, D.L., & Seyfarth, R.M. 2001. Baboon responses to graded bark variants. *Animal Behaviour* **61**, 925-931.
- Manser, M., Seyfarth, R.M., & Cheney, D.L. 2001. Suricate alarm calls signal predator class and urgency. *Trends in Cognitive Science* **6**, 55-57.
- Palombit, R.A., Cheney, D.L., & Seyfarth, R.M. 2001. Female-female competition for male "friends" in wild chacma baboons (*Papio cynocephalus ursinus*). *Animal Behaviour* **61**, 1159-1171.
- Fischer, J., Cheney, D.L., & Seyfarth, R.M. 2000. Development of infant baboon responses to female graded variants of barks. *Proceedings of the Royal Society of London, Series B* **267**, 2317-2321.
- Rendall, D., Cheney, D.L., & Seyfarth, R.M. 2000. Proximate factors mediating 'contact' calls in adult female baboons and their infants. *Journal of Comparative Psychology* **114**, 36-46.
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- Cheney, D.L. & Seyfarth, R.M. 1999. Recognition of other individuals' social relationships by female baboons. *Animal Behaviour* **58**, 67-75.
- Palombit, R.A., Cheney, D.L., & Seyfarth, R.M. 1999. Male grunts as mediators of social interaction with females in wild chacma baboons (*Papio cynocephalus ursinus*). *Behaviour* **136**, 221-242.
- Rendall, D., Seyfarth, R.M., Cheney, D.L., & Owren, M.J. 1999. The meaning and function of grunt variants in baboons. *Animal Behaviour* **57**, 583-592.
- Silk, J.B., Seyfarth, R.M., & Cheney, D.L. 1999. The structure of social relationships among female baboons in the Moremi Reserve, Botswana. *Behaviour* **136**, 679-703.
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- Silk, J.B., Cheney, D.L., & Seyfarth, R.M. 1996. The form and function of reconciliation among baboons, *Papio cynocephalus ursinus*. *Animal Behaviour* **52**, 259-268.
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- Cheney, D.L. 1992. Within-group cohesion and inter-group hostility: The relation between grooming distributions and inter-group competition among female primates. *Behavioral Ecology* **3**, 334-345.
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### **INVITED TALKS (since 2008)**

#### 2012

Department of Cognitive Science, Yale University  
Louis Leakey Foundation, San Francisco  
University of Trento, Workshop on Cognitive Evolution

#### 2011

Sackler Symposium, National Academy of Sciences, Newport Beach, California  
Face-to-Face, Brain-to-Brain Neuroscience Workshop, Princeton University  
University of Pennsylvania Humanities Forum  
Society for Social Neuroscience, Washington D.C. (Plenary Speaker)  
Animal Behavior Society, Bloomington, Indiana

#### 2010

Department of Psychology, Columbia University  
Strungmann Forum, Frankfurt, Germany  
German Primate Center, Göttingen, Germany  
Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany  
American Society for Primatology (Plenary Speaker), Louisville, Kentucky  
Department of Psychology, Tufts University  
Departments of Psychology and Evolutionary Biology, Cornell University

#### 2009

Branigan Lecture, University of Indiana  
Departments of Anthropology and Biology, Duke University  
German Zoological Society, Regensburg, Germany  
Behavioural Biology Symposium, Humboldt University, Berlin, Germany  
Interdisciplinary relationship science program, UCLA  
Department of Philosophy, Brown University  
Year of Evolution Symposium, University of Pennsylvania

#### 2008

Leakey Foundation Symposium, San Francisco  
Department of Anthropology, University of California, Davis  
Bowen Center for the Study of the Family, Georgetown University  
SAS Natural Science Chairs' Symposium, University of Pennsylvania

Nyabyeya Forestry College, Masindi, Uganda  
Department of Psychology, University of Toronto  
Ipsen Foundation, Paris, France

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