

Marc D. Hauser

Contact information:

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Personal:

Born 25 October 1959

Married to Lilan Basse Hauser, two children: Alexandra and Sofia

Positions:

2013-	Founder, President, Risk Eraser, LLC (www.risk-eraser.com)
2011-2013	Educational consultant for alternative education schools working with at-risk youth
2011- 2013	Teacher, Instructional Consultant, Cape Cod Collaborative, MA
2011- 2012	Science Consultant, Wolfram Research
2005-2011	Affiliate Faculty member Dept Human Evolutionary Biology, Harvard University
2005-2008	Associate Faculty member Dept Organismic and Evolutionary Biology, Harvard U.
2003-2011	Faculty Associate, Program for Evolutionary Dynamics, Harvard University
2003-2010	Co-director of Harvard's Mind, Brain and Behavior Program
2002-2007	Harvard College Professor for distinction in teaching and research mentoring
2001- 2011	Adjunct Professor, Graduate School of Education, Harvard University
1998-2011	Professor, Department of Psychology, Harvard University
1995-1998	Associate Professor, Departments of Psychology, Anthropology, and Program in Neuroscience, Harvard University
1995-2011	Member of the Interdisciplinary Faculty for the Speech and Hearing Sciences Program, Mass General Hospital-Harvard-MIT
1996-2011	Member of the Interdisciplinary Faculty of the Mind, Brain and Behavior Program, Harvard University
1992-1994	Assistant Professor, Departments of Anthropology, Psychology and Program in Neuroscience, Harvard University
1991-1992	Lecturer & Research Associate, Departments of Psychology & Zoology, University of California, Davis
1989-1992	Postdoctoral fellow, Department of Zoology, University of California, Davis
1988-1989	Postdoctoral fellow, Rockefeller University Field Research Center
1987-1988	Postdoctoral fellow, Evolution and Human Behavior Program, University of Michigan
1987-1989	Honorary Lecturer, Dept. of Zoology, Makerere University, Kampala, Uganda

Education:

1989-1992	University of California, Davis, Post-doctoral fellow, Zoology (Advisor: P. Marler)
1988-1989	Rockefeller University, Millbrook, Post-doctoral fellow, Zoology (Advisor: P. Marler)
1987-1988	U. Michigan, Ann Arbor, Post-doctoral fellow, Zoology (Advisor: R. Wrangham)
1982-1987	UCLA, Ph.D., Behavioral Biology (Advisors: R. Seyfarth & D. Cheney)
1977-1981	Bucknell University, Lewisburg, PA; BS, Animal Behavior (Advisor: D. Candland)

Living experiences:

I have carried out field research in Kenya, Uganda, Australia, Puerto Rico, Panama, and various parts of the United States. I speak French fluently, and have a working vocabulary in Kiswahili.

Skills:

Brain and mind scientist with research skills for animal and human research, both healthy and clinical populations; Writing for the public, science articles, grants, education; teaching biological sciences, critical reasoning, philosophy, psychology, and anthropology to middle-high school, undergraduates and graduate students; data base management and statistics; grant writing; survey creation and analysis; public speaking; management of large & diverse groups; assessments of schools with respect to teacher quality, evidence-based approaches, and student growth; work with low income, high at-risk populations (youths, homeless); professional development for teachers and administrators focused on evidence-based approaches, the implementation of neurosciences into enhancing learning and decision-making.

Teaching Experience:

- 2011- Professional Development presentations to educators on executive functioning, brain plasticity, use of evidence in education, IEP tracking and quantification, teaching critical thinking, and the impact of trauma on the brain and learning.
- 2011- Alternative Education schools, teaching courses on critical reasoning to low income, at-risk youths, ages 10-19; created and direct school radio program (ccubedradio.blog.com); teaching cross-curriculum material on evolutionary biology; implementing new tools to assess and enrich executive function; curriculum development
- 2010-2011 Penikese Island School, MA; taught a course on critical reasoning to at-risk youths
- 1992-2011 Anthropology & Psychology Departments, Harvard University:
Evolution and Human Nature (Science B29; undergrad core science course co-taught with Irv DeVore & Richard Wrangham; 500 student enrollment; *The evolution of communication* (upper-level undergrad); *Field and lab methods in behavioral biology* (upper-level undergraduate); *Evolution of cognition* (graduate seminar, co-taught with S. Pinker of MIT); *Biology of morality* (undergrad seminar for the Mind, Brain & Behavior Program); *Concepts & Categories* (seminar, co-taught with A. Caramazza); *Theory and Evidence in Cognitive and Neuroscience* (seminar co-taught with A. Caramazza); *Evolutionary Ethics* (undergrad/grad seminar); *Consumable Science* (undergrad seminar in Mind, Brain & Behavior)
- 1992 Anthropology, Psychology & Zoology Departments, Univ. California, Davis
Comparative cognition seminar (graduate students)
- 1991-1992 Psychology Department, University of California, Davis
Psychobiology (undergraduates)
Seminar in animal cognition (graduate students)
- 1989-1992 Zoology Department, University of California, Davis, California
Behavioral Ecology Seminar (faculty and post-docs)
- 1988 Zoology Department, Makerere University, Kampala, Uganda
Statistics and Methods for Behavioral Biologists (graduate students)
Animal Behavior (undergraduates)

Humanitarian & Community Experience:

- 2010-2011: Teaching and assisting with assessment tools for high, at-risk teenage boys; Penikese Island School
- 2010-2011: Human rights committee, Resources in Human Development, Medford, MA, USA
- 2010- 2011: Development and implementation of assessment and intervention tools for homeless community on the Cape & Islands, MA, Housing Assistance Corporation, Hyannis, MA, USA

Graduate Students:

1. Biological Anthropology, Harvard University
Brenda McGowan (PhD 1994); co-advised with R. Wrangham Research Professor at UC-Davis, California
Adrian Treves (PhD 1997); co-advised with R. Wrangham; Research Associate, U. Wisconsin-Madison
Mike Wilson (PhD, 2001); Current: Asst. Professor, Department of Anthropology, University Minnesota
Brian Hare (PhD, 2003); co-advised with R. Wrangham; Current: Asst. Professor, Duke University
Rebecca Coughlin (2002-2004); co-advised with R. Wrangham

Corin Apicella (2005-2009); co-advised with Frank Marlowe; Asst. Professor University of Pennsylvania
Katharine McAuliffe (2006-2011); co-advised with Richard Wrangham (PhD, 2013); Asst. Professor Boston
College (2015-present)

2. Psychology, Harvard University

Jerald Kralik (PhD 1998); Current: Asst. Professor, Dartmouth College (2007-2016), Korea Advanced
Institute of Science and Technology

Dan Weiss (PhD 2000); Current: Associate Professor, Penn State, Dept. Psychology

Laurie Santos (PhD 2002); Professor, Dept. Psychology, Yale University (2002-)

Cory Miller (1999-2003); Current: Asst. Professor, UCSD, 2009-

Ricardo Gil da Costa (1999-2005); Current: post-doc at Salk Institute

David Barner (PhD, 2007); co-advised with J. Snedeker and S. Carey; Asst. Prof, UCSD, 2008-

Justin Wood (2003-2008) co-advised with E. Spelke; presently, Asst. Professor, USC (2008-)

Sang Ah Lee (2004- 2009) co-advised with E. Spelke; Asst. Professor University of Trento, Italy

Fiery Cushman (2004-2007); Professor, Harvard University

Liane Young (2004-2008); Professor, Boston College (2014-)

Tim O'Donnell (2005-2007); post-doc MIT; Asst. Professor McGill University

Adena Schachner (2007-2011); co-advised with E. Spelke & S. Carey; post-doc Boston College

Gaye Soley (2008-2011); co-advised with E. Spelke; post-doc with Nuria Sebastian-Galles, Barcelona

Donal Cahill (2009-2011); post-doc at MIT; currently Google programmer

3. Economics, Harvard University

Keith Chen, PhD (2002), co-advised with Drew Fudenberg; Current: Professor UCLA

4. Brain & Cognitive Sciences, MIT

Claudia Uller (PhD 1997; co-advisor with Susan Carey); current, Asst. Professor, Univ. Essex

Joshua McDermott, co-advised with Ted Adelson; 2002-2006, PhD; currently, Professor, MIT

5. Department of Psychology, Trieste

Elisabetta Versace (2006-2008, PhD); co-advised with Professor Vallortigara; Reader Queens Mary College,
London, UK

From 1992-2011, I was on 1-4 undergraduate honors thesis committees each year, and 2-3 PhD thesis
committees

Post-doctoral Students

Linda Anderson (1995); currently, Associate director, Internet Design Co., San Francisco, CA

Julia Fischer (1996); Current: Professor, German Primate Center

William Tecumseh Fitch (1996-2000); Current: Professor, Biology, University of Vienna

Jerald Kralik (1998-1999); Current: Asst. Prof, Dartmouth College

Stephane Gouteux (2001)

Asif Ghazanfar (1998-2001); Current: Professor Princeton, Dept. Psychology

Joanna Bryson (2001-2002); Lecturer, University of Bath, Dept. Computer Sciences

Ruth Tincoff (2001- 2004); Asst. Prof, Bucknell U (2008-)

Roian Egnor (2001-2007); Research Professor, Janelia Farms (2008-)

Jeff Stevens (2002-2006); Asst. Professor, U. Nebraska

Alberto Palleroni (2002-2007); Current: Nature Conservancy

David Feinberg (2005-2007); Ass., Professor, McMaster University

Ansgar Endress (2007-2009); Post-doc, MIT (M. Potter Lab); 2012: Asst Professor, City University of London

Bryce Huebner (2007-2009); Professor, Georgetown University

Brian Russ (2008-2010); currently post-doc at NIH, Dr. David Leopold

Current research:

2016- Collaboration with Professors Pascal Belin (Universite de Marseille, France) and Suliann
Ben Hammed (Institute for Cognitive Science France), using fMRI, single unit physiology,

2014-	and video-based heart rate tracking with humans and macaques to explore the voice sensitive areas of the brain, specificity of auditory systems, and face-voice processing.
2013-	Development and implementation of an online software tool to assess self-control in K-12 students, tied to activities that strengthen self-control; used in several hundred students in multiple schools
2011-2013	Development of software algorithms to track, chart and analyze student growth
	Development of games to assess and strengthen problems of self-control, a capacity that underlies addictions, obesity, crime, and educational problems; this work is fundamentally focused on the plasticity of the executive brain system
2011-	Development of curricular approaches and evidence-based systems for helping at-risk youths
2011- 2012	Development of technologies to assess wellbeing of dogs
2009-2011	Experiments on domestic dogs, Canine Cognition Lab at Harvard; dingoes @ Dingo Discovery Centre, Melbourne; wolves @ Wolf Spirit Sanctuary, New Mexico
2008-2010	Experiments on economic decision making, action perception, and social cognition in gorillas, Franklin Park Zoo
2006-2008	Experiments on acoustic communication, action perception, and economic decision making in chimpanzees, Tchimpounga, Congo
2003-2011	Experiments on moral judgments and decision-making, including tests of infants and children, anthropological populations, and patient populations; collaborators include Antonio Damasio, Antoine Bechara, Alan Leslie, David Skuse, Alvaro Pascual-Leone, Linda Abarbanell, Maaike Cima, Jack vanHonk, Pierre Pica
2003-2006	Experiments on concept acquisition, language processing, cooperation, and communication in common marmosets.
1999- 2001	Experiments and observations on vocal communication and conceptual representation in captive vervet monkeys (Harvard University)
1998-2011	Experiments and theoretical research on language evolution, using artificial language learning methods
1998-2003	Collaborative project with Drs. E. Newport, R. Aslin & R. Jacobs (U. Rochester) on constraints on learning and the role of statistical inferences.
1997-2002	Collaborative project with Dr. Jacques Mehler (LSCP-France) on language processing in human infants and monkeys
1996-1999	Collaborative project with Dr. R. Wrangham (Harvard) on inter-community aggression and vocal communication in chimpanzees of the Kibale Forest, Uganda.
1995-2007	Collaborative project with Drs. S. Carey and E. Spelke (Harvard) on the origins of numerical competence in human infants and nonhuman primates.
1994-2008	Experiments and observation on vocal communication and acoustic perception in captive cotton-top tamarins and vervet monkeys
1992-2008	Experiments on knowledge acquisition and concept formation in captive cotton-top tamarins (Harvard University).
1988-2011	Long-term project on the mechanisms underlying vocal communication and cognition in rhesus macaques; research is being conducted on Cayo Santiago, Puerto Rico.

Advisory and Technical Committees:

2009-	Editorial Board, <u>Biolinguistics</u>
2005-2012	Editorial Board, <u>Social Neuroscience</u>
2003-2013	Editorial Board, <u>Language Learning and Development</u>
2002-2011	Editorial Board, <u>Review of General Psychology</u>
2001- 2011	Editorial Board, <u>Evolutionary Psychology</u>
2002-2008	Associate Editor, <u>Cognition</u>
1998-2010	Editorial Board, <u>Trends in Cognitive Science</u>
1998-2003	Scientific Board, Fyssen Foundation, Paris, France
1997-2007	Editorial Board, <u>Animal Cognition</u>
1997-2001	Editorial Board, <u>Cognition</u>
1996-2003	Series Editor for Aldine deGruyter Press, "Evolutionary Foundations of Human Behavior"
1995-2001	Consultant for Bradford Books/MIT Press
1993-2011	Mind, Brain & Behavior Program, Harvard University
1991-2010	Associate, <u>Behavioral and Brain Sciences</u>
1991-2002	Animal Bioacoustics Technical Committee, Acoustical Society of America

Grants:

- Wrangham, R.W. and Hauser, M.D. (1987-1989). Ecological constraints on chimpanzee Social dynamics. NSF (\$118,000).
- Hauser, M.D. and Wrangham, R.W. (1988). The use of contact calls in chimpanzees for conversations. (\$5000).
- Hauser, M.D. (1989-91): NRSA, NIH post-doc; Rockefeller University/University of California-Davis
- Hauser, M.D. (1990-91). Food calling in rhesus monkeys. National Geographic Society (\$18,000).
- Hauser, M. (1993-1999). Acoustic and visual communication in primates. NSF Young Investigator Award. (\$300,000)
- Hauser, M. (1994-1996). Origins of hemispheric asymmetries underlying primate vocal and facial expressions. Leakey Foundation (\$7,500)
- Hauser, M. (1994-1996). Origins of primate hemispheric asymmetries. Wenner-Gren Foundation (\$5000)
- Hauser, M. and Wrangham, R. (1996-1999). Inter-community aggression in wild chimpanzees. Leakey Foundation (\$105,000)
- Hauser, M. (1997-2000). Hemispheric asymmetries underlying vocal and facial expressions in Primates. NSF (\$162,094)
- Hauser, M. and Carey, S. (1997-2000). Comparative study of numerical representations: human infants and nonhuman primates". NSF (\$270,000)
- Aslin, R., Hauser, M., Jacobs, R., & Newport, E. (1998-2001). Statistical learning and its constraints. Learning in Intelligent Systems, NSF (\$800,000)
- Spelke, E.S., Hauser, M.D., Carey, S. & Kanwisher, N. (2001-2004). Sources of mathematical knowledge. ROLE-NSF (\$1,518,000)
- Hauser, M.D. (2002). The role of acoustic cues in rhesus monkey mate attraction. Leakey Foundation, \$7400
- Hauser, M.D. (2002-2007). The evolution of language: perceptual and computational constraints. McDonnell foundation; \$500,000
- Hauser, M.D. (2003-2004): The acquisition and evolution of an alarm response to raptors in a free-ranging rhesus population. Leakey Foundation, \$10,000
- Hauser, M.D. (2003-2006): Mechanisms of acoustic communication in cotton-top tamarins. NIH: \$475,000
- Spelke, E.S., Hauser, M.D., & Carey, S. (2004-2007). Sources of mathematical knowledge. ROLE-NSF (\$1,750,000)
- Hauser, M.D., Leslie, A., & Damasio, A. (2007-2010): The evolution, development, and neurobiology of moral judgments. NSF Human Social Dynamics; \$1,250,000
- Carroll, L. & Hauser, M.D. (2012). Improving academic performance through cognitive training. Cape Cod Foundation; \$800 for Cape Cod Collaborative
- Hauser, M.D., Satkevich, S., Amaral C. & Hague, E. (2012). Studying evolution in the wild: turkeys against coyotes. Toshiba Foundation, \$4,231; for Cape Cod Collaborative
- Hauser, M.D. (2013) Physical exercise and self-control. Cape Cod Foundation; \$2500 for Cape Cod Collaborative
- Hauser, M.D. (2013). Strengthening self-control in at-risk children; \$3500 Cape Cod Foundation; \$3500 Barack Trust

Awards:

- 1993 National Science Foundation Young Investigator Award
- 1992 Harvard University Teaching Innovation Award
- 1995 Nominated to Stanford's Center for Advanced Study
- 1997 Harvard University Teaching Innovation Award
- 2001 Voted one of Harvard's most popular professors by class of 2001
- 2002 Harvard College Professorship chair for distinction in teaching and research
- 2003 Voted one of Harvard's most popular professors by class of 2003
- 2005 Guggenheim Fellowship

- 2006 Science Medal, College de France, Paris
- 2007 Fellow, Association for Psychological Science (APS)
- 2008 Voted one of Harvard's most popular professors by class of 2008
- 2009 Tanner Lectures for Human Value, Princeton University

Citation impact:

2020:

ResearchGate

47.38 (higher than 97.5% of ResearchGate researchers)

	All	Since 2015
Citations	72620	21339
h-index	104	53
i10-index	268	184

Publications with highest citations, Google Scholar:

- Hauser, Chomsky, Fitch (2002), Science: 6032
- Hauser (1996) The Evolution of Communication: 2232
- Hauser (2006) Moral Minds: 2215
- Koenigs, Young, Adolphs, Tranel, Cushman, Hauser & Damasio (2007) Nature: 1914
- Cushman, Young & Hauser (2006) Psychological Science: 1242
- Rauschecker, Tian & Hauser (1995) Science: 912

Book Reviews:

1985-1990:

1. Hauser, M.D. 1986. Review of "Evolution des systemes de communication chez les Carnivores et les Primates: organisation sociale et modalites de communication. Comportements." by J.J Roeder. Ethology and Sociobiology, 7(2): 145-148.
2. Hauser, M.D. and Allen, C. 1987. Review of "The meaning of primate signals." by R. Harre and V. Reynolds. Ethology and Sociobiology, 8:167-169.
3. Hauser, M.D. 1989. Review of "Primate vocal communication." by D.Todt, P.Goedeking and D. Symmes. Ethology 83: 257-264.
4. Hauser, M.D. 1990. Speciation in the African guenons: What we know and have yet to understand. Review of: "A primate radiation: Evolutionary biology of the African guenons". (eds) A. Gautier-Hion, F. Bourliere, J-P. Gautier & J. Kingdon. American Journal of Primatology 20: 299-302.
5. Hauser, M.D. 1990. Review of "Teaching Sign Language to Chimpanzees" (eds). R.A. Gardner, B.T. Gardner, & T. Van Cantfort. American Anthropologist 92:767-788.

1991-1995:

1. Hauser, M.D. 1992. Review of "How monkeys see the world: Inside the mind of another species" by D.L. Cheney and R.M. Seyfarth. Ethology 89: 170-171.
2. Hauser, M.D. 1992. Review of "Uniquely human: the evolution of speech, thought, and selfless behavior" by P. Lieberman. Applied Psycholinguistics 13: 237-243
3. Hauser, M.D. 1992. Exploring the primordial linguistic soup. Review of "Biological and behavioral determinants of language development" by N. Krasnegor, D. M. Rumbaugh, R.L. Schiefelbusch and M. Studdert-Kennedy. American Journal of Primatology. 28: 307-312.
4. Hauser, M.D., Borgerhoff-Mulder, M., Caro, T.M., Engel, C., Harcourt, A.H., Hrdy, S.B., Lott, D. and Stewart, K. 1992. Parental Care Comes of Age. Review of "The evolution of parental care" by T.H. Clutton-Brock. Evolution 46:852-854.

5. Hauser, M.D. 1992. Review of "Language and intelligence in monkeys and apes" (eds) S. Parker & K. Gibson. Ethology 91:81-83.
6. Hauser, M.D. 1993. Review of "Language and species: by D. Bickerton. Animal Behaviour 46: 829-833
7. Hauser, M.D. and Jones, J. 1993. Review of "Aping language". American Journal of Physical Anthropology 91: 531-33
8. Hauser, M.D. and Wolfe, N. 1995. Review of "Language Comprehension in Ape and Child" by S. Savage -Rumbaugh et al.. American Anthropologist 96:745-747
9. Hauser, M.D. 1995. Review of "Feral Children and Clever Animals" by D.K. Candland American Anthropologist 97: 128-131.
10. Hauser, M.D. 1995. Review of "Language and Communication". by H.R. Roitblatt et al. Quarterly Journal of Experimental Psychology: Comparative and Physiological Processes 47B: 454-457.

1996-2000:

1. Hauser, M.D. 1997. Everything you ever wanted to know about human cognitive evolution, but were afraid to ask. Review of "Handbook of Human Symbolic Evolution" (Eds. A.Lock and C.R. Peters), Oxford University Press. Trends in Ecology and Evolution 12: 371-372
2. Hauser, M.D. 1997. Ape people. Nature 390:246-247.
3. Hauser, M.D. 1998. What is it like to be an oyster or a trout or a sparrow or a human? Review of "Anthropomorphism, anecdotes, and animals" .Ethology 104:182-184
4. Hauser, M.D. 1998. Babbling into meaning. Review of "Social influences on vocal development" (Eds. C.T. Snowdon & M. Hausberger), Cambridge University Press. Ethology 104: 451-452
5. Hauser, M.D. 1998. Review of "Principles of Animal Communication" by J.W. Bradbury & S.L. Vehrencamp, Sinauer Press. Trends in Ecology and Evolution 14: 40.
6. Hauser, M.D. 1999. Wired for math? Review of "What Counts" by Brian Butterworth. Science.
7. Hauser, M.D. 2000. Et tu *Homo sapiens*? Review of "The Cultural Origins of Human Cognition" by M. Tomasello. Science 288: 816-817.

2001- present:

1. Hauser, M.D. (2001). Review of The Evolution of Cognition (Eds. C. Heyes & F. Huber), MIT Press. Ethology.
2. Hauser, M.D. (2001). Elementary, my dear chimpanzee. Review of "Folk physics for apes" (D. Povinelli). Science 291: 4410-441.
3. Hauser, M.D. (2003). The mind behind me. Review of The Face in the Mirror by J. Keenan, G. Gallup & D. Falk. Nature 424: 15-16

Publications: Refereed Journals and Book Chapters:

1985-1990:

1. Hauser, M.D. and Tyrrell, G. 1984. Old age and its behavioral manifestations: A study on two species of macaque. Folia primatologica 43: 24-35.
2. Hauser, M.D. 1986. Parent-offspring conflict: Care-elicitation behavior and the "cry-wolf" syndrome. In: Primate ontogeny, cognition, and social behaviour. (ed. J.G. Else and P.C. Lee), pp. 193-203, Cambridge University Press, Cambridge.
3. Hauser, M.D. 1986. Male responsiveness to infant distress calls in free-ranging vervet monkeys. Behavioral Ecology and Sociobiology 19: 65-71.
4. Hauser, M.D., Cheney, D.L. and Seyfarth, R.M. 1986. Group extinction and fusion in free-ranging vervet monkeys. American Journal of Primatology 11: 63-77.
5. Hauser, M.D. and Wrangham, R.W. 1987. Manipulation of food calls in captive chimpanzees: a preliminary report. Folia primatologica 48: 207-210.
6. Hauser, M.D. 1988. Variation in maternal responsiveness in free-ranging vervet monkeys: a response to infant mortality risk? American Naturalist 113: 573-587.

7. Hauser, M.D. 1988 Invention and social transmission: new data from wild vervet monkeys. In: Machiavellian Intelligence: Social expertise and the evolution of intellect in Monkeys, Apes, and Humans. (ed. R.W. Byrne and A. Whiten), pp. 327-343, Oxford University Press, Oxford.
8. Hauser, M.D. 1988. How infant vervet monkeys learn to recognize startling alarm calls: the role of experience. Behaviour 105: 187-201.
9. Hauser, M.D. and Fairbanks, L.A. 1988. Mother-offspring conflict in vervet monkeys: Variation in ecological conditions. Animal Behaviour 36: 802-813.
10. Hauser, M.D. 1989. Ontogenetic changes in the comprehension and production of vervet monkey (Cercopithecus aethiops) vocalizations. Journal of Comparative Psychology. 103: 149-158.
11. Hauser, M.D. 1990. Do female chimpanzee copulation calls incite male-male competition? Animal Behaviour 39: 596-597.
12. Hauser, M.D. and Wrangham, R.W. 1990. Recognition of predator and competitor calls in nonhuman primates and birds: a preliminary report. Ethology 86: 116-130.

1991-1995:

1. Hauser, M.D. 1991. Sources of acoustic variation in rhesus macaque vocalizations. Ethology. 89: 29-46.
2. Hauser, M.D. 1991. If you've got it why not flaunt it? Monkeys with Broca's area but no syntactical structure to their vocal utterances. Behavioral and Brain Sciences 14: 564-586.
3. Hauser, M.D. and Nelson, D. 1991 "Intentional" signaling in animal communication. Trends in Ecology and Evolution 6(6): 186-189.
4. Hauser, M.D. and Fowler, C. 1992. Declination in fundamental frequency is not unique to human speech: evidence from nonhuman primates. Journal of the Acoustical Society of America 91: 363-369.
5. Hauser, M.D., Perry, S., Manson, J., Ball, H., Williams, M., Pearson, E. and Berard, J. 1991. It's all in the hands of the beholder: New data on handedness in a free-ranging population of rhesus macaques. Behavioral and Brain Sciences 14: 342-344.
6. Allen, C. and **Hauser, M.D.** 1991. Concept attribution in nonhuman animals: Theoretical and methodological problems in ascribing complex mental processes. Philosophy of Science 58: 221-240.
7. Hauser, M.D. 1992. Articulatory and social factors influence the acoustic structure of rhesus monkey vocalizations: A learned mode of production? Journal of the Acoustical Society of America 91: 2175-2179.
8. Hauser, M.D. 1992. A mechanism guiding conversational turn-taking in vervet monkeys and rhesus macaques. In: Topics in primatology, Volume 1, Human Origins. pp. 235-248. Tokyo: Tokyo University Press.
9. Hauser, M.D. and Harcourt, A.H. 1992. Is there sex-biased mortality in primates? Folia primatologica 58: 47-52.
10. Hauser, M.D. and Marler, P. 1992. How do and should studies of animal communication affect interpretations of child phonological development? In: Phonological development. (eds.) C. Ferguson, L. Menn & C. Stoel-Gammon. pp. 663-680. York Press, Inc., Maryland.
11. Marler, P., Evans, C. and **Hauser, M.** 1992. Animal signals? Reference, motivation or both? In: Nonverbal vocal communication: Comparative and developmental approaches. (ed.) H. Papoušek, U. Jürgens, M. Papoušek. pp. 66-86. Cambridge: Cambridge University Press.
12. Caro, T.M. and **Hauser, M.D.** 1992. Is there teaching in nonhuman animals? Quarterly Review of Biology. 67: 151-174
13. Hauser, M.D. 1992. Costs of deception: cheaters are punished in rhesus monkeys. Proceedings of National Academy of Sciences 89: 12137-12139.
14. Hauser, M.D., Evans, C.S. and Marler, P. 1993. The role of articulation in the production of rhesus monkey (Macaca mulatta) vocalizations. Animal Behaviour 45: 423-433.
15. Hauser, M.D., Teixidor, P., Field, L., and Flaherty, R. 1993. Food-elicited calls in chimpanzees: Effects of food quantity and divisibility. Animal Behaviour 45: 817-819.
16. Hauser, M.D. 1993. Right hemisphere dominance for the production of facial expression in monkeys. Science 261:475-477.
17. Hauser, M.D. and Marler, P. 1993. Food-associated calls in rhesus macaques (Macaca mulatta).I. Socioecological factors influencing call production. Behavioral Ecology 4:194-205.

18. Hauser, M.D. and Marler, P. 1993. Food-associated calls in rhesus macaques (*Macaca mulatta*) .II. Costs and benefits of call production and suppression. Behavioral Ecology 4: 206-212.
19. Hauser, M.D. 1993. The evolution of nonhuman primate vocalizations: Effects of phylogeny, body weight and motivational state. American Naturalist 142: 528-542.
20. Hauser, M.D. 1993. Cry wolf or signalling need: Data from free-ranging vervet monkeys. Animal Behaviour 45: 1242-1244.
21. Hauser, M.D. 1993. Social influences on the ontogeny of foraging behavior in wild vervet monkeys. Journal of Comparative Psychology 107:1-7.
22. Hauser, M.D. 1993. Cultural learning: Are there functional consequences? Behavioral and Brain Sciences 16(3):524-525
23. Wrangham, R.W., Conklin, N.L., Etot, G., Obua, J., Hunt, K.D., **Hauser, M.D.** and Clark, A.P. 1993. The value of figs to chimpanzees. International Journal of Primatology 14: 243-256.
24. Allen, C. and **Hauser, M.D.** 1993. Communication and cognition: is information the connection? Yearbook of the Philosophy of Science 2: 81-91.
25. Harcourt, A.H., Stewart, K. and **Hauser, M.D.** 1993. Functions of wild gorilla 'close' calls. I. Repertoire, context, and interspecific comparison. Behaviour 124:89-122.
26. Hauser, M.D. 1993. Rhesus monkey (*Macaca mulatta*) copulation calls: Honest signals for female choice? Proceedings of Royal Society, London, B 254: 93-96.
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NOTE: The following publication in 2002 was retracted in 2010: Hauser, M.D., Weiss, D., and Marcus, G. (2002). Rule learning by cotton-top tamarins. *Cognition* 86: B15-B22. An independent replication of this work was published in 2013 by J. Neiwirth using the same species and methods: Neiwirth, J.J. (2013). Chasing sounds. *Behavioral Processes* 93: 111-115.

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Letters of recommendation:

The following would be willing to write letters on my behalf:

1. Academia

Dr. Noam Chomsky, MIT, University of Arizona-Tucson
Dr. Steven Pinker, Harvard University
Dr. Susan Carey, Harvard University
Dr. Richard Wrangham, Harvard University
Dr. Michael Ryan, University of Texas, Austin

2. Special education

Dr. David Heimbecker, Executive Director, South Coast Educational Collaborative
Dr. Patricia Mason, Executive Director, South Shore Educational Collaborative
Mr. Paul Hilton, Executive Director, Cape Cod Collaborative