

Adrian V. Jaeggi
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Department of Anthropology
Graduate Program in Population Biology, Ecology, and Evolution
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Synopsis

I am an evolutionary anthropologist with research and teaching interests in the evolution of human social behavior. I have worked with orangutans, bonobos, chimpanzees, and a human subsistence population, taking a comparative approach to human nature

Academic appointments

2016-	Assistant Professor, Emory University
2013-2015	Postdoctoral Researcher and Lecturer, University of California Santa Barbara
2012-2013	SAGE Junior Research Fellow, University of California Santa Barbara
2011	Swiss NSF Postdoctoral Fellow, University of California Santa Barbara

Education

2010	Ph.D. in Biological Anthropology, University of Zurich. Graduate school emphases in Evolutionary Biology and Interdisciplinary Research in Ethics. Advisor Prof. Carel van Schaik
2006	Diploma in Biology (equivalent to B.S. and M.S.) with distinction, University of Zurich. Major in Biological Anthropology and Minors in Geobotany and Ethics for Biologists

Grants and awards

2016	Leakey Foundation grant entitled "Explaining patterns of within and between-group cooperation among LuiKotale bonobos" (\$24920, Co-PI)
2016	Teaching minigrant, Center for Faculty Development and Excellence, Emory University (\$300)
2016	Scholarly Writing and Publishing Fund, Emory University (\$400)
2016	Program to Enhance Research and Scholarship, Emory University (\$2000)
2015	Best new investigator, Evolutionary Anthropology Society (\$250)
2014	Swiss National Science Foundation grant P300P3_158480 entitled "Proximate mechanisms of cooperation: Cognition, hormones, and culture" (\$200.000): A two year postdoctoral research fellowship (declined)
2011-2013	Junior Research Fellowship, SAGE Center for the Study of Mind, UCSB (\$100.000): A two year postdoctoral research fellowship

- 2011 Swiss National Science Foundation grant PBZHP3-133443 entitled “Egalitarianism in small-scale human societies” (\$45.000): A one year postdoctoral research fellowship
- 2007-2010 Cogito foundation grant S-106/06 for dissertation project “The biology of moral behavior” (\$150.000): A three year dissertation research fellowship
- 2006-2011 A. H. Schultz foundation, various grants for travel- and research expenses (~ \$5.000 total)
- 2006 A. H. Schultz price for the advancement of junior scientists (\$3.000)
- 2006 Best oral presentation, Gesellschaft für Primatologie 10th conference (\$500)
- 2006 Price for scientific excellence of M.S. thesis “The role of social learning in the acquisition of foraging skills in wild Bornean orangutans: The roots of culture”, awarded by the Faculty of Sciences, University of Zurich (\$500)
- 2005-2010 University of Zurich, various grants for travel- and research expenses (~\$5.000 total)

Publications

Peer-reviewed journal articles:

- Jaeggi AV**, Kramer KL, Hames R, Kiely EJ, Gomes C, Kaplan H, Gurven M. (2017). Human grooming in phylogenetic perspective: People in six small-scale societies groom less but talk just as much as expected for a typical primate. *American Journal of Physical Anthropology*
- Von Rueden CR, **Jaeggi AV** (2016) Men's status and reproductive success in 33 non-industrial societies: effects of subsistence, marriage system and reproductive strategy. *Proceedings of the National Academy of Sciences* 113:10824-10829
- Jaeggi AV**, Hooper PL, Beheim BA, Kaplan H, Gurven M (2016) Reciprocal exchange patterned by market forces helps explain cooperation in a small-scale society. *Current Biology* 26:2180-2187
- Blackwell AD, Urlacher SS, Beheim BA, von Rueden CR, **Jaeggi AV**, Stieglitz J, Trumble BC, Gurven M, Kaplan H (2016) Growth references for Tsimane’ forager-horticulturalists of the Bolivian Amazon. *American Journal of Physical Anthropology*
- Jaeggi AV**, Boose KJ, White FJ, Gurven M (2016) Obstacles and catalysts of cooperation in humans, bonobos, and chimpanzees: behavioural reaction norms can help explain variation in sex roles, inequality, war and peace. *Behaviour* 153:1015-1051
- Trumble B, **Jaeggi AV**, Gurven M (2015) Evolving the endocrine physiology for human and primate cooperation and collective action. *Philosophical Transactions of the Royal Society B – Biological Sciences* 370:20150014
- Gurven M, **Jaeggi AV**, von Rueden C, Hooper PL, Kaplan H (2015) Does market integration buffer risk, increase inequality, and erode traditional sharing practices? Evidence from Tsimane’ forager-horticulturalists. *Human Ecology* 43:515-530
- Jaeggi AV**, Trumble BC, Kaplan HS, Gurven M (2015) Salivary oxytocin increases concurrently with testosterone and time away from home among returning

- Tsimane' hunters. *Biology Letters* 11:20150058
- Jaeggi AV**, Gurven M (2013) Reciprocity explains food sharing in humans and other primates independent of kin selection and tolerated scrounging: A phylogenetic meta-analysis. *Proceedings of the Royal Society B – Biological Sciences* 280:20131615
- Jaeggi AV**, Gurven M (2013) Natural cooperators: Food sharing in humans and other primates. *Evolutionary Anthropology* 22:186-195
- Gurven M, **Jaeggi AV**, Kaplan HS, Cummings D (2013). Physical activity and modernization among Bolivian Amerindians. *PLOS One* 8:e55679
- Jaeggi AV**, de Groot E, Stevens JMG, van Schaik CP (2013). Mechanisms of reciprocity in primates: Testing for short-term contingency of grooming and food sharing in bonobos and chimpanzees. *Evolution and Human Behavior* 34:69-77
- Jaeggi AV**, van Schaik CP (2011) The evolution of food sharing in primates. *Behavioral Ecology and Sociobiology* 65:2125-2140
- Jaeggi AV**, Burkart JM, van Schaik CP (2010) On the psychology of cooperation in humans and other primates: Combining the natural history and experimental evidence for prosociality. *Philosophical Transactions of the Royal Society B – Biological Sciences* 365:2723-2735
- Jaeggi AV**, Stevens JMG, van Schaik CP (2010) Tolerant food sharing and reciprocity is precluded by despotism in bonobos but not chimpanzees. *American Journal of Physical Anthropology* 143:41-51
- Jaeggi AV**, Dunkel LP, van Noordwijk MA, Wich SA, Sura AAL, van Schaik CP (2010) Social learning of diet and foraging skills among wild immature Bornean orangutans (*Pongo pygmaeus wurmbii*). *American Journal of Primatology* 72:62-71
- Jaeggi AV**, van Noordwijk MA, van Schaik CP (2008) Begging for information: Mother-offspring food sharing among wild Bornean orangutans. *American Journal of Primatology* 70:533-541

Book chapters:

- Jaeggi AV**, Hooper PL, Caldwell AE, Gurven M, Lancaster JB, Kaplan H. (forthcoming) Cooperation between the sexes. In: *Chimpanzees and human evolution*. Muller M, Wragham RW, Pilbeam D, eds. Harvard University Press
- Stieglitz J, **Jaeggi AV**, Blackwell A, Trumble BC, Gurven M, Kaplan H (2014) Work to live and live to work: Productivity, transfers, and psychological well-being in adulthood and old age. In: *Sociality, hierarchy, health: Comparative biodemography*. Weinstein M, Lane M, eds. National Academies Press
- van Schaik CP, Burkart JM, **Jaeggi AV**, Rudolf von Rohr C (2014) Morality as a biological adaptation – an evolutionary model based on the lifestyle of human foragers. In: *Empirically informed ethics: Morality between facts and norms*, Christen M, Fischer J, Huppenbauer M, Tanner C, van Schaik CP eds. Springer

Encyclopedia entries:

- Jaeggi AV**, Gurven M (in press) Food-sharing models. In: *International Encyclopedia of Anthropology*. Callan H, ed. Wiley Online Library
- Gurven M, **Jaeggi AV** (2015) Food sharing. In: *Emerging trends in the social and behavioral sciences*. Scott RA, Kosslyn SM, eds. Wiley Online Library

Commentaries:

Jaeggi AV, Gurven M (2015) Form follows function: Reciprocity, trade, and socioeconomic transformation. *Current Anthropology* 56:719-720

Published meeting abstracts:

- Jaeggi AV**, Hames R, Kramer K, Gurven M, Kaplan H, Gomes C (2016) Human grooming in phylogenetic perspective: grooming rates and dyad composition in six traditional societies in comparison to other primates. *American Journal of Physical Anthropology* (Supplement 62):184
- Jaeggi AV**, Trumble BC, Kaplan HS, Gurven M (2015) Unpacking proximate mechanisms of cooperation: The role of oxytocin and other hormones in meat sharing among Tsimane' hunters. *American Journal of Physical Anthropology* (Supplement 60):176
- Jaeggi AV**, Hooper PL, Kaplan H, Gurven M (2014) Reciprocity and trade in food sharing and other services among Tsimane forager-horticulturalists. *American Journal of Physical Anthropology* (Supplement 58):150
- Blackwell A, **Jaeggi AV**, Stieglitz J, von Rueden C, Trumble BC, Kaplan H, Gurven M. (2014) Inequality among forager-horticulturalists is associated with stress and depression, but not poorer health. *American Journal of Human Biology* 26:260
- De Groot E, **Jaeggi AV**, Stevens JMG (2013) Tolerance and food sharing in a despotic group of bonobos: It all depends on the resource? *Folia Primatologica* 84:264
- van Schaik CP, Bissonnette A, Isler K, **Jaeggi AV**, Grueter CC (2011) The hygienic and social functions of allogrooming in primates: A comparative analysis. *Folia Primatologica* 82:323-324
- Jaeggi AV**, van Schaik CP (2011) The evolution of non-kin food sharing among non-human primates: Partner choice, social bonds, and reciprocal exchange. *American Journal of Primatology* 73 (Suppl 1):75
- Jaeggi AV**, van Schaik CP (2011) The evolution of food sharing in primates. *American Journal of Physical Anthropology* (Supplement 52):175
- Jaeggi AV**, van Noordwijk MA, Burkart JM, van Schaik CP (2009) The evolution of voluntary food transfers among primates. *Folia Primatologica* 80(2):121-122
- Forss SIF, van Noordwijk MA, **Jaeggi AV**, Meulman EM, van Schaik CP (2009) Social construction of the feeding niche in orang-utans: a comparative study. *Folia Primatologica* 80(2):117-118
- Jaeggi AV**, Stevens JMG, van Schaik CP (2009) Food sharing among captive chimpanzees and bonobos: reciprocity and altruism. *American Journal of Physical Anthropology* (Supplement 48):156
- Jaeggi AV**, van Schaik CP (2008) Food-sharing experiments in a captive multi-male chimpanzee group. *Primate Eye* 96:544
- van Schaik CP, Isler K, Dunkel L, **Jaeggi AV**, Latscha M, Utami SA, van Noordwijk MA, Vogel E (2008) Skill development in wild Bornean orangutans, and its implications for the needing-to-learn hypothesis. *Primate Eye* 96: 887
- Jaeggi AV**, Dunkel LP, van Schaik CP (2007) The role of social learning in the acquisition of foraging skills in wild Bornean orang-utans (*Pongo pygmaeus*). *American Journal of Physical Anthropology* (Supplement 44):135

Teaching

Emory University

2016-2017	Ant 302	Primate Behavior & Ecology
	Ant 385 – 001	Evolution and Human Behavior
	Ant 200/NBB 201	Foundations of Behavior
	Ant 797-R	Directed study (x2)
2016	Ant 200/NBB 201	Foundations of Behavior

University of California Santa Barbara:

2015	Anth 250AJ	The Comparative Approach in Anthropology and Evolutionary Biology (graduate seminar)
	Anth 153T	Primate Behavior
	Anth 129MG	Behavioral Ecology of Hunter-Gatherers
2014	Anth 169	Evolution of Cooperation
	Anth 129MG	Human Behavioral Ecology, co-teacher
2013	Anth 153T	Primate Behavior
	Psy 594MG	Special Topics in Psychology, co-teacher (graduate seminar)
	2012 Psy 594MG	Special Topics in Psychology, co-teacher (graduate seminar)

University of Zurich:

2010	Bio 209	Comparative Analyses in Evolutionary Biology, guest lecture
	Bio 213	Gender and Biology, guest lecture
	Bio 553	Journal Club in Anthropology, organizer
2009	Bio 213	Gender and Biology, guest lecture
	Bio 553	Journal Club in Anthropology, organizer
2008	Bio 553	Journal Club in Anthropology, organizer
2006	Bio 202	Functional Morphology, teaching assistant
	Bio 215	Human Behavior: Nature and Nurture, teaching assistant
		Anthropological Museum, guided tours and other instructional work

Mentoring and Advising**Emory University:**

- Advisor for postdoctoral scholar Dr. Liza Moscovice, working on the socio-endocrinology and ecology of cooperation in wild female bonobos
- Advisor for Jordan Martin, dissertation project on the evolution of personality in primates
- Advisor for Adam Reynolds, dissertation project on social networks and inequality
- Supervisor for external Master's student Riana Minocher, thesis title "Culture or ecology? Re-evaluating explanations of polygyny in the Standard Cross-Cultural Sample using a supertree and phylogenetic methods".
- Dissertation committee member for Desiree DeLeon, dissertation title "Influence of oxytocin and variation of the oxytocin receptor gene on affiliative behavior of rhesus macaques".
- Dissertation committee member for Christina Rogers, dissertation title "Evolution of oxytocin and vasopressin systems in the hominid brain".

- External dissertation committee member for Lucas Goldstone, dissertation title “Food begging and sharing in bonobos: social tools for a cohesive society”.

University of California Santa Barbara:

- Mentored a total of 12 undergraduate research assistants and summer interns during a comparative study involving independent literature searches and summary.
- Wrote letters of recommendation for several students to successfully acquire summer school scholarships (1 student) and admission to graduate programs (5 students).
- Mentored graduate students of the Evolutionary Anthropology Research Group, Department of Anthropology with methodological and editorial advice.

Administrative service

2016-2017	Executive committee (Neuroscience and Behavioral Biology, Emory): Coordinate evaluation of the NBB program
2016-2017	Undergraduate curriculum revision committee (Anthropology, Emory): Revise the Bachelor program in Anthropology
2016-2017	Graduate admissions committee (Anthropology, Emory): Review and rank all applications for graduate school, determine a long-short list
2016-2017	Search committee for cluster hire to increase diversity in STEM (Anthropology, Emory): Review applications, write recommendation
2005-2007	Coordination team for the evaluation of the Anthropological Institute and Museum (University of Zurich): Organize student issues and meeting
2005-2007	Student representative at the Anthropological Institute and Museum (University of Zurich): Participate in faculty meetings, relay student issues

Other scientific work

Invited talks:

2015	“The primate roots of human nature: Culture and cooperation”, Department of Anthropology, Emory University
2015	“The behavioral ecology of an Amazonian subsistence population: Implications for conservation”, Department of Anthropology, University of California Davis
2014	“Proximate mechanisms of cooperation in humans and other animals”, Cognitive Science Center, University of Neuchatel
2014	“Evolutionary medicine and traditional human societies”, Institute for Evolutionary Medicine, University of Zurich
2014	“The ecology and psychology of cooperation in traditional human societies with some implications for health”, Anthropological Institute and Museum, University of Zurich
2014	“From primate to human behavior: The evolution of culture and cooperation”, Department of Anthropology, SUNY Stony Brook
2014	“Primate origins of human culture and cooperation”, School of Human Evolution and Social Change, Arizona State University
2014	“Primate origins of human culture and cooperation”, Department of Anthropology, Boise State University

- 2013 “Cooperation in humans and other primates”, Department of Anthropology, University of California Davis
- 2013 “What explains food sharing in humans and other primates? A phylogenetic meta-analysis of reciprocal altruism, kin selection and tolerated scrounging”, California Workshop on Evolutionary Social Sciences, San Luis Obispo
- 2013 Discussant and working group leader on food sharing and need-based transfers, Synthesizing the Evolutionary and Social Science Approaches to Human Cooperation: A NESCent Catalysis Meeting, Durham NC
- 2013 “Cooperation in human and nonhuman primates”, Lorentz Center Workshop on Obstacles and Catalysts of Peaceful Behavior, University of Leiden
- 2013 “Modernization, new forms of wealth and inequality in small-scale societies”, Network structure, political hierarchy, and economic inequality: An interdisciplinary workshop and training program, Santa Fe Institute
- 2012 “Food sharing and human evolution”, Department of Anthropology, SUNY Stony Brook
- 2012 “Food sharing in humans and non-human primates”, Center for Behavior, Evolution, and Culture, University of California Los Angeles
- 2012 “Exchange rates and welfare trade-off ratios in Tsimane food and labor sharing”, Center for Evolutionary Psychology, University of California Santa Barbara
- 2012 “Mechanisms of reciprocity in bonobos and chimpanzees”, Center for Evolutionary Psychology, University of California Santa Barbara
- 2012 “The changing dynamics of wealth inequality: How new forms of capital affect intergenerational wealth transmission and inequality in small-scale societies”, Workshop Dynamics of Wealth Inequality in pre-modern Societies, Santa Fe Institute
- 2011 “Proximate mechanisms of reciprocity”, Center for Evolutionary Psychology, University of California Santa Barbara
- 2011 “Hierarchy, social inequality and reciprocity in chimpanzees, bonobos, and humans”, California Workshop on Evolutionary Social Sciences, San Luis Obispo
- 2011 “Food sharing among chimpanzees, bonobos, and other primates”, Department of Anthropology, University of California Santa Barbara
- 2010 “Sharing norms in nonhuman primates?”, Workshop on Empirically Informed Ethical Theory, University of Zurich
- 2009 “Food sharing among captive Chimpanzees and Bonobos: Reciprocity and Altruism”, Center for Research and Conservation, Royal Zoological Society of Antwerp
- 2008 “Primate roots of human culture and morality: Studies of social learning and altruism in great apes”, Department of Psychology, University of Portsmouth
- 2008 “Altruism among primates and the evolution of morality”, Department of Philosophy, University of Ghent
- 2008 “Altruism and reciprocity in great ape food sharing: Roots of human morality?”, Center for Research and Conservation, Royal Zoological Society of Antwerp

Conference presentations without published abstract:

- 2016 “Oxytocin and other hormones in human cooperation: Tests among Tsimane”, International Primatological Society 26th Congress

- 2016 “Correlated changes in urinary oxytocin, vasopressin, testosterone, and cortisol during inter-group competition among redbell monkeys (*Cercopithecus ascanius*) at Kibale NP, Uganda” (Poster), International Primatological Society 26th Congress
- 2015 “Cooperation strategies among Tsimane’ forager-horticulturalists: reciprocity, trade, and market integration”, American Anthropological Association, 114th Meeting
- 2015 “Inequality and health: Tests among Tsimane’ forager-horticulturalists”, Evolutionary Medicine Conference Zurich
- 2014 “Proximate mechanisms of reciprocity in humans and other primates: Cognition and hormones”, American Anthropological Association, 113th Annual Meeting
- 2013 “What explains food sharing in humans and other primates: A phylogenetic meta-analysis of reciprocal altruism, kin selection, and tolerated scrounging”, Human Behavior and Evolution Society, 25th Conference
- 2012 “Food sharing in humans and other primates”, International Primatological Society 24th Congress
- 2012 “Mechanisms of reciprocity in chimpanzee and bonobo food sharing”, Human Behavior and Evolution Society 24th Meeting
- 2010 “Reciprocity in food sharing among chimpanzees and bonobos”, International Primatological Society 23rd Congress
- 2009 “What can our closest living relatives tell us about the evolution of morality?”, European Society for Philosophy and Psychology 17th Meeting
- 2007 “Social learning among wild orangutans”, 6th Goettinger Freilandtage on Primate Behavior and Human Universals
- 2006 “Social learning by wild infant orangutans: The roots of culture”, Gesellschaft für Primatologie 10th Meeting

Editorial services:

Reviewer for *American Journal of Physical Anthropology*, *American Journal of Primatology*, *American Naturalist*, *Animal Behaviour*, *Animal Cognition*, *Anthropological Review*, *Appetite*, *Behavioral Ecology*, *Behavioral Ecology and Sociobiology*, *Behaviour*, *Behavioural Processes*, *Biological Reviews*, *Biology and Philosophy*, *Biology Letters*, *Current Anthropology*, *Current Biology*, *Ethology*, *Evolution and Human Behavior*, *Folia Primatologica*, *Human Nature*, *International Journal of Primatology*, *Journal of Ethology*, *Philosophical Transactions of the Royal Society B – Biological Sciences*, *PLOS One*, *Primate Biology*, *Primates*, *Proceedings of the National Academy of Sciences*, *Proceedings of the Royal Society B – Biological Sciences*, *Social Justice Research*, The Leakey Foundation

Organizational work:

- 2017 Regional meeting on Evolution and Human Behavior, Atlanta
- 2016 Symposium “Oxytocin and cooperation” for 26th congress of the International Primatological Society
- 2013 “The human condition as a network of networks”, a SAGE Junior Research Fellows workshop, Santa Barbara CA
- 2012 Symposium “Food sharing in humans and non-human primates” for 24th congress of the International Primatological Society

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| 2009 | Member of the organization committee for the 3 rd congress of the European Federation for Primatology in Zurich |
| 2005-2007 | Member of the coordination team for the evaluation of the Anthropological Institute and Museum, University of Zurich |
| 2005-2007 | Student representative at the Anthropological Institute and Museum, University of Zurich |

Memberships in professional associations:

American Anthropological Association
American Association of Physical Anthropologists
Evolutionary Anthropology Society
Gesellschaft für Primatologie
Human Behavior and Evolution Society
International Primatological Society

Other affiliations:

Graduate Program in Population Biology, Ecology and Evolution, Emory University
 Center for Mind Brain and Culture, Emory University
 SAGE Center for the Study of the Mind, University of California Santa Barbara (2011-2013)
 Graduate Programme for Interdisciplinary Research in Ethics, University of Zurich (2007-2010)

Languages:

German (native)
 English, French, Spanish (fluent)
 Indonesian, Italian (intermediate)
 Tsimane' (basic)

Media attention

Research featured in [NPR](#), [LA Times](#), [BBC News](#), [Psychology Progress](#), [Science world report](#), [Science daily](#), and others