

SARAH F. BROSANAN

Georgia State University

Department of Psychology, Neuroscience Institute & Language Research Center

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Lab website: <http://www2.gsu.edu/cebuslab>

Personal website: <http://www2.gsu.edu/sbrosnan>

Education

- 2004 Ph.D. in Population Biology, Ecology, & Evolution
Graduate Division of Biological & Biomedical Sciences
Emory University, Atlanta, GA
- 1998 B.A. University Scholar, focus in Biology
Magna Cum Laude, graduate of the Honors Program
Baylor University, Waco, TX

Academic Appointments

- 2007-pres. Assistant Professor, Georgia State University, Department of Psychology & the Neuroscience Institute
- 2007-pres. Assistant Professor (Adjunct), The Keeling Center for Comparative Medicine & Research, The University of Texas M. D. Anderson Cancer Center
- 2004-pres. Collaborative Scientist, Living Links Center, Yerkes National Primate Research Center
- 2004-2007 Postdoctoral Fellow, Emory University, Department of Anthropology
- 2004-2007 Postdoctoral Fellow (Visiting), The Keeling Center for Comparative Medicine & Research, The University of Texas M. D. Anderson Cancer Center
- 2006,2007 Professor (Adjunct), Morehouse College, Department of Psychology
- 2006 Lecturer (Visiting), Emory University, Department of Environmental Studies
- 2003, 2004 Graduate Instructor, Emory University, Department of Environmental Studies
- 2003 Professor (Adjunct), Oglethorpe University, University College program

Grants

External

- 2009-2014 NSF CAREER Award "Understanding responses to inequitable outcomes" (SES 0847351, \$677,462 in total costs)
- 2007-2010 NSF Human Social Dynamics grant "Understanding of strategic economic interactions through cross-species analysis" with co-PIs Bart Wilson & Michael Beran (SES 0729244, \$515,447 in total costs)

1999-2002 NSF Graduate Research Fellowship

Internal

- 2010-2011 Brains & Behavior see grant (GSU) “An Experimental Study of the Influence of Social Hierarchy in Decision Making” with co-PI Sean Richey (\$29,844)
- 2010-2011 Language & Literacy seed grant (GSU) “An ERP study of capuchin responses to speech sounds” with PI David Washburn, co-PIs Gwen Frishkoff, Michael Owren, Michael Beran (\$36,000)
- 2008-2009 Brains & Behavior seed grant (GSU) “Neuro-biological basis of human decision-making” with PI Mukesh Dhalama (\$30,000)
- 1996 Jack & Noma Jean Folmar Grant, Biology Department, Baylor University (\$500)
- 1996 Bob Gardner Memorial Biology Grant, Beta Tau Chapter Beta Beta Beta, Baylor University (\$500)

Awards

- 2009 NSF CAREER Award
- 2009 Herbert H. Reynolds Outstanding Young Alumni Award, Baylor University Alumni Association.
- 2009 Appointed as a Fellow of the Society of Experimental Social Psychology
- 2009 Chosen as one of the most influential 150 alumni from the last 150 years of the Baylor University Alumni Association.
- 2007 Morton Deutsch Award for the best paper of the year published in Social Justice Research in 2006
- 2007 Appointed as a Research fellow of the Gruter Institute for Law & Behavior
- 2004 FIRST Postdoctoral Fellowship, Emory University
- 2003 Dean's Teaching Fellowship, Emory University
- 2001 Outstanding Student Paper, American Society of Primatologists annual meeting, Savannah, GA
- 1998 Graduate Research Fellowship, Emory University Department of Biological & Biomedical Sciences
- 1998 Phi Beta Kappa
- 1994 National Merit Scholar

Publications

Edited Volumes

Brosnan, SF & Bshary, R (*in press*). “Cooperation & Deception: From Evolution to Mechanisms” Issue of the *Philosophical Transactions of the Royal Society Series B*, to be published in fall, 2010.

Peer Reviewed Publications

Brosnan, SF, Bshary, R, Salwiczek, L (*in press*) What makes cooperation complex? *Philosophical Transactions of the Royal Society Series B*.

Brosnan, SF (*in press*) Property in non-human primates. *New Directions for Child & Adolescent Development*.

Brosnan, SF (*in press*) An evolutionary perspective on morality. *Journal of Economic & Behavioral Organization*.

Brosnan, SF, Houser, D, Xiao, E, Leimgruber, K, Chen, T, & de Waal, FBM (2010) Competing demands of prosociality & equity in monkeys. *Evolution & Human Behavior*. doi:10.1016/j.evolhumbehav.2010.02.003

Brosnan, SF, Talbot, C, Ahlgren, M, Lambeth, SP, & Schapiro, SJ. (2010) Mechanisms underlying the response to inequity in chimpanzees, *Pan troglodytes*. *Animal Behaviour*. doi:10.1016/j.anbehav.2010.02.019

Brosnan, SF & de Waal, FBM (2009) Capuchin monkeys tolerate intermittent unreliability in human experimenters. *International Journal of Primatology*. DOI 10.1007/s10764-009-9366-x

Brosnan, SF, Silk, JB, Henrich, J, Marenco, MC, Lambeth, SP, & Schapiro, SJ (2009) Chimpanzees (*Pan troglodytes*) do not develop contingent reciprocity in an experimental task. *Animal Cognition*. DOI 10.1007/s10071-009-0218-z

Brosnan, SF, Newton-Fisher, NE, & van Vugt, M (2009) A melding of the minds: When primatology meets social psychology. *Personality & Social Psychology Review*. doi:10.1177/1088868309335127

Brosnan, SF & Beran, MJ (2009) Bartering behavior between conspecifics in chimpanzees, *Pan troglodytes*. *Journal of Comparative Psychology* 123, 181-194.

Brosnan, SF, Grady, M, Lambeth, SP, Schapiro, SJ, & Beran, MJ (2008) Chimpanzee Autarky. *PLoS ONE* 3(1): e1518. doi:10.1371/journal.pone.0001518.

Vonk, J, Brosnan, SF, Silk, JB, Henrich, J, Schapiro, SJ, Richardson, A, Lambeth, SP, Povinelli, DJ. (2008) Chimpanzees do not take advantage of very low cost opportunities to deliver food to unrelated group members. *Animal Behavior* 75(5): 1757-1770.

Jones, OD & Brosnan, SF (2008) Law, Biology & Property: A new theory of the endowment effect. *William & Mary Law Review*, 49: 1935-1990.

Brosnan, SF, Jones, OD, Lambeth, SP, Marenco, MC, Richardson, AS, & Schapiro, SJ (2007) Endowment effects in chimpanzees. *Current Biology* 17 (19): 1-4.

Van Wolkenten, Megan, Brosnan, SF, & de Waal, FBM (2007) Inequity responses of monkeys modified by effort. *PNAS* 104: 18854-18859.

Brosnan, SF (2006) Nonhuman species' reactions to inequity & their implications for fairness. *Journal of Social Justice* 19: 153-185.

Brosnan, SF (2006) At a crossroads of disciplines. *Journal of Social Justice* 19: 218-227.

Brosnan, SF, Freeman, C, & de Waal, FBM (2006) Equitable behavior, not reward distributions, affect capuchin monkey's (*Cebus apella*) reactions in a cooperative task. *American Journal of Primatology* 68: 713-724.

Silk, JB, Brosnan, SF, Vonk, J, Henrich, J, Povinelli, D, Richardson, A, Lambeth, SP, Mascaró, J, & Schapiro, SJ. (2005) Chimpanzees are indifferent to the welfare of unrelated group members. *Nature* 437: 1357-1359.

Brosnan, SF & de Waal, FBM (2005) A simple response to barter in chimpanzees (*Pan troglodytes*). *Primates* 46: 173-182.

Brosnan, SF, Schiff, HC, & de Waal, FBM (2005) Chimpanzees' (*Pan troglodytes*) reactions to inequity during experimental exchange. *Proceedings of the Royal Society of London, Series B* 1560: 253-258.

Brosnan, SF & de Waal, FBM (2004) A concept of value during experimental exchange in brown capuchin monkeys. *Folia Primatologica* 75: 317-330.

Brosnan, SF & de Waal, FBM (2004) Socially learned preferences for differentially rewarded tokens in the brown capuchin monkeys (*Cebus apella*). *Journal of Comparative Psychology* 118 (2): 133-139.

Brosnan, SF & de Waal, FBM (2003) Monkeys reject unequal pay. *Nature* 425: 297-299.

Brosnan, SF, Dugatkin, LA, & Earley, RL (2003) Observational learning & predator inspection in guppies, (*Poecilia reticulata*). *Ethology* 109: 823-834.

Brosnan, SF & de Waal, FBM (2003) Regulation of vocalizations by chimpanzees finding food in the presence or absence of an audience. *Evolution of Communication* 4 (2): 211-224.

Brosnan, SF & de Waal, FBM (2002). Variations on tit-for-tat: Proximate mechanisms of cooperation & reciprocity. *Human Nature* 13 (1): 129-152.

Chapters

Proctor, D & Brosnan, SF (*in revision*) Political Primates: What Other Primates Can Tell Us about the Evolutionary Roots of Our Own Political Behavior (ed. R McDermott & P Hatemi) in *Endogenous Political Preferences in Humans*. Cambridge University Press.

Brosnan, SF (*in press*) What do capuchin monkeys tell us about cooperation? (eds. DR Forsyth & CL Hoyt) in *For the Greater Good of All: Perspectives on Individualism, Society, & Leadership* in the Jepson Series on Leadership Studies. Palgrave Macmillan Publishers

Brosnan, SF (*in press*) Prosocial behavior in chimpanzees. (eds. E Lonsdorf, S Ross, & T Matsuzawa) in *The Chimpanzee Mind*. University of Chicago Press.

Brosnan, SF (2008). Responses to inequity in nonhuman primates responses in *Neuroeconomics: Decision Making and the Brain* (ed. P Glimcher, E Fehr, C Camerer, R Poldrack). Elsevier, pp. 285-302.

Brosnan, SF (2008) Fairness & other-regarding preferences in non-human primates In *Moral Markets: The critical role of values in the economy* (ed. PJ Zak). Princeton, NJ, Princeton University Press, pp 77-106. Preprint available on SSRN at <http://ssrn.com/abstract=928966>

Brosnan, SF (2008) How primates (including us!) respond to inequity. (ed. D Houser & D McCabe) in *Neuroeconomics: Advances in Health Economics* series. Emerald, pp 99-124.

de Waal, FBM & Brosnan, SF (2006) Simple & complex social reciprocity in monkeys & apes. In *Cooperation in Primates & Humans: Mechanisms & Evolution* (ed. P Kappeler & C van Schaik). Springer Press.

Brosnan, SF (2004) A sense of fairness in monkeys. In *The Encyclopedia of Animal Behavior* (ed. M Bekoff). Greenwood Press.

Reviews, Replies & Commentaries

Brosnan, SF & Bshary, R (*in press*) Introduction to Cooperation & Deception: From evolution to mechanisms. *Philosophical Transactions of the Royal Society Series B*.

Brosnan, SF (2010) Behavioral Development: Timing is everything. *Current Biology* 20(3): R98-100.

Brosnan, SF (2009) Animal Behavior: The right tool for the job. *Current Biology* 19(3): R124-125.

Brosnan, SF (2008) The ultimatum game and nonhuman primates. *Scientific American "Mind Matters" blog*. <http://science-community.sciam.com/blog-entry/Mind-Matters/Chimps-Rational-Humans/300009942>

Brosnan, SF (2008) A different approach to human evolution - a review of "Baboon Metaphysics: The evolution of a social mind" by Dorothy Cheney & Robert Seyfarth. *Evolution & Human Behavior* 29: 221-222.

Brosnan, SF (2007) Our Social Roots. Review of “Macchiavellian Intelligence” by Dario Maestri, “Gorilla Societies” by Andrew Harcourt & Kelly Stewart, and “Chimpanzee Societies, 25th Anniversary Edition” by FBM de Waal. *Nature* 425: 1160-1161.

Silk, JB, Brosnan, SF, Vonk, J, Henrich, J, Povinelli, D, Richardson, A., Lambeth, SP, Mascaró, J, & Schapiro, SJ. (2006) Animal Behavior: Chimpanzee choice and prosociality (Reply). *Nature* 440: E6.

Brosnan, SF (2006) An exploration of culture: Review of “The Cultured Chimpanzee: Reflections on cultural primatology” by William McGrew. *American Journal of Primatology* 68: 425-427.

Brosnan, SF & de Waal, FBM (2006) Partial support for a non-replication: Commentary on Roma, Silberberg, Ruggiero, & Suomi (2006). *Journal of Comparative Psychology* 120(1): 74-75.

Brosnan, SF & de Waal, F.B.M. (2005) A cross-species perspective on the selfishness axiom: Commentary on Henrich et. al. *Behavioral & Brain Sciences* 28: 818.

Brosnan, SF & de Waal, FBM (2004) Reply to "Inequity aversion in capuchins". *Nature* 428: 140.

de Waal, FBM & Brosnan, SF (2003) Review of “What it Means to be 98% Chimpanzee” by Jonathan Ms & “In Defense of the Soul: What it means to be human” by Ric Machuga. *Science & Spirit* Jan/Feb: 41.

Working Papers

Jones, GT & Brosnan, SF (working paper) Social contracts on social networks: Local patterns of interaction, local strategy dynamics and the emergence of reciprocity (available on SSRN).

Invited Talks

Inequity and prosocial behavior in non-human primates Stern School of Business, New York University, New York, NY (2010, April).

Evidence for moral behavior in non-human primates Philosophical implications for empirically informed ethics, University of Zurich, Zurich, Switzerland (2010, March).

Inequity in non-human primates Department of Sociology, University of Georgia, Athens, GA (2010, February).

What can capuchin monkeys tell us about cooperation? The Jepson School of Leadership Studies, University of Richmond, Richmond, VA (2010, January).

Property in non-human primates. Chapman University, Department of Economics, Orange County, CA (2009, November).

Studying inequity in nonhuman primates. Baylor University, Department of Psychology & Neuroscience, Waco, TX (2009, October).

Inequity & prosocial preferences. The Evolution of Social Psychology meeting, Yale University, New Haven, CT (2008, November).

Responses to inequity in nonhuman primates. Emory University, Department of Anthropology, Atlanta, GA (2008, October).

Responses to inequity in nonhuman primates. University of Wisconsin, Madison, Department of Psychology, Madison, WI (2008, September).

The evolutionary underpinnings of the endowment effect. Florida State University School of Law, Tallahassee, FL (2008, September).

Behavioral responses to inequity in nonhuman primates. NIMH, Unit on Cognitive Neurophysiology & Imaging, Bethesda, MD (June 2008)

Are primates economists? Omnicron Delta Epsilon Economics Honor Society Banquet, Emory University, Atlanta, GA (March 2008)

An interdisciplinary approach to inequity. Keynote address at Experimental Social Science, First International Symposium, The University of Osaka, Osaka, Japan (2008, January).

Inequity responses in nonhuman primates. Neuroeconomics Symposium, New York University, NY, NY (2008, January).

Inequity & prosocial behavior in nonhuman primates. Emory University, Department of Economics seminar series, Atlanta, GA (2007, November).

Implications of primate social behavior for human social psychology. Society for experimental Social Psychology, Group Processes preconference, Chicago, IL (2007, October).

The building blocks of morality. Georgia State University Neurophilosophy seminar series, Atlanta, GA (2007, October).

The evolution of prosocial behavior. Keynote address at the Squaw Valley Conference of the Gruter Institute for Law, Behavior, & the Brain. Squaw Valley, CA (2007, May).

Fairness & prosocial behavior in nonhuman primates. Princeton University, Neuroscience of Social Decision Making seminar series, Princeton, NJ (2007, May).

Debater in favor of position “Markets are Moral”. Sponsored by the Gruter Institute & the Templeton Foundation, Queen Mary College, London, England (2007, April).

Are primates economists? George Mason University, Department of Economics, Arlington, VA (2007, March).

Fairness & prosocial behavior in nonhuman primates. The Center for Human Science, Chapel Hill, NC (2007, March).

Fairness & prosocial behavior in chimpanzees. The Mind of the Chimpanzee conference, Lincoln Park Zoo, Chicago, IL. (2007, March).

Fairness & prosocial behavior in nonhuman primates. University of Pennsylvania, The Wharton School, Mering Department, Philadelphia, PA. Decision Processes seminar series (2007, February).

Fairness & prosocial behavior in nonhuman primates. Washington University, Olin School of Business, St. Louis, MI. Organizational Behavior workshop (2007, February).

Responses to inequity in nonhuman primates. University of Michigan, Department of Anthropology, Ann Arbor, Michigan. (2006, December).

Responses to inequity in nonhuman primates. Evolution & Group Processes: Understanding the Human Social Animal, University of Kent at Canterbury, Canterbury, England. (2006, July).

Primate Economics. Economic Science Association Annual Meeting, lunchtime plenary, Atlanta, GA. (2006, June).

How nonhuman primates view their social partners. Squaw Valley conference on Law, Behavior, & the Brain, The Gruter Institute, Squaw Valley, CA. (2006, May).

Revenge & reconciliation in nonhuman primates. Symposium organized by the Inter-University Consortium on Negotiation & Conflict Resolution (Doug Yarn), Squaw Valley conference on Law, Behavior, & the Brain, The Gruter Institute, Squaw Valley, CA. (2006, May).

Fairness & prosocial behavior in nonhuman primates. UCSD, Department of Political Science, San Diego, CA (2006, May).

Inequity & social emotions in nonhuman primates. The Emotions as Norms Enforcers, Duke University, Department of Philosophy, Durham, NC (2006, April).

Fairness & prosocial behavior in nonhuman primates. Vanderbilt University School of Law, *Law & Biology Series*, Nashville, TN (2006, March).

Primate Economics. George Mason University, Department of Economics, Arlington, VA. (2006, February).

Fairness & prosocial behavior in nonhuman primates. Georgia State University, Department of Psychology, Atlanta, GA. (2005, November).

Fairness & empathy in nonhuman primates. UCL Institute for Cognitive Neuroscience workshop on fairness & empathy, London, UK (2005, October).

Fairness & empathy in nonhuman primates. Novartis Foundation open meeting, London, UK (2005, October).

Primate Economics. Emory University, Department of Neuroscience, Atlanta, GA. (2005, May).

Reconciliation in nonhuman primates. Symposium organized by the Inter-University Consortium on Negotiation & Conflict Resolution, Squaw Valley conference on Law, Behavior, & the Brain, The Gruter Institute, Squaw Valley, CA. (2005, May).

Inequity in Nonhumans. University of Texas, Department of Biology, Austin, TX. (2005, April).

Primate Economics. University of Texas, Department of Psychology, Austin, TX. (2005, March).

Inequity averse responses in two nonhuman primates, chimpanzees & capuchin monkeys. 2nd Annual Workshop for Young Psychologists, Kyoto University, Kyoto, Japan. (2004, November)

Variation in reactions to inequitable treatment in nonhuman primates. University of Texas, Department of Anthropology, Austin, TX. (2004, November)

Is a sense of justice unique to humans? Society for the Evolutionary Analysis of Law, Atlanta, GA. (2004, October)

Variation in reactions to inequitable treatment in two primate species. Baylor University biology department, Waco, TX. (2004, September)

Primate Economics. Squaw Valley conference on Law, Behavior, & the Brain, The Gruter Institute, Squaw Valley, CA. (2004, May)

Variation exchange behavior in different social groups of chimpanzees. Squaw Valley conference on The Behavioral Building Blocks of Free Enterprise, The Gruter Institute, Squaw Valley, CA. (2004, May)

Variation in reactions to inequitable treatment in two primate species, capuchin monkeys & chimpanzees. Justice Preconference, Society for Personality & Social Psychology, Austin, TX. (2004, January)

Variation in reactions to inequitable treatment in two primate species, capuchin monkeys & chimpanzees. UTMD Anderson Cancer Center Primate Facility, Bastrop, TX. (2004, January)

The evolution of value perception as a proximate mechanism to promote cooperation in nonhuman primates. Dissertation defense, Emory University, Atlanta, GA. (2004, January)

Non-human primates & inequity aversion. Anthropology Department, Emory University, Atlanta, GA. (2003, September)

The evolution of value perception in nonhuman primates. Smithsonian Environmental Research Center (SERC), Edgewater, MD. (2003, March)

A concept of value in capuchin monkeys. University of Kentucky Psychology Department, Lexington, KY. (2001, May)

Preliminary results on capuchin responses to value. University of Louisville Biology Department, Louisville, KY. (2001, April)

The rewards of cooperation: Proximate mechanisms of cooperating & sharing in capuchin monkeys. Charles University Zoology Department, Prague, Czech Republic. (2000, July)

Cooperation in capuchins: Proximate mechanisms in an ultimate world. University of Georgia Biopsychology department, Athens, GA. (2000, February)

The rewards of cooperation: cognitive aspects of primate reciprocity. Natural Cognition: Cooperation conference, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. (1999, June)

Organized Symposia

Cooperation, Reciprocity, & Responses to Inequity. Organized with Charles Snowdon & Katie Cronin for the International Primatological Society XXII Conference, Edinburgh, Scotland (2008, August)

Workshop Participation

Liberty Fund workshop on Markets, Ethics, & the Evolution of a Moral Society, Indianapolis, IN (2010, January)

Emory University Fellowships in Research & Science Teaching Symposium in Science Teaching. Speaker on faculty panel, Atlanta, GA (2008, July)

DARPA/DSRC workshop on Neuroepidemiological basis of aggression & reconciliation, Palo Alto, CA (2008, February)

Inter-University Consortium on Conflict Resolution/Gruter Institute for Law & the Brain workshop on The Biology of Conflict Resolution, Atlanta, GA (2006, October)

Templeton Foundation/Gruter Institute for Law & the Brain workshops on Values in Free Enterprise (2005-2006)

Santa Fe Institute, Working group on social inequity, Santa Fe, NM. (2004, July)

Academic Review

Editorial Boards

2006 – present Academic Editor at PLoS ONE (a journal of the Public Library of Science)

2010-present Associate Editor for Frontiers in Decision Neuroscience

Ad Hoc Referee

Acta Zoologica Sinica, American Journal of Primatology, Animal Behaviour, Animal Cognition, Behavioral Processes, Behaviour, Current Biology, Ethology, Evolution & Human Behavior, Evolutionary Psychology, Infancy, Interaction Studies, International Journal of Primatology, Journal of Comparative Psychology, Journal of Psychology & Psychological Therapy, Journal of Undergraduate Neuroscience Education, Nature Reviews Neuroscience, Neurobiology of Learning and Memory, Philosophical Transactions of the Royal Society, PLoS Biology, PLoS ONE, Primates, PNAS, Proceedings of the Royal Society of London Series B, Psychological Science, Social Justice Research, University of Chicago Press

Grant Reviewing

Graduate Women in Science, L. S. B. Leakey Foundation, National Science Foundation

Review Panels

National Science Foundation

Mentoring & Advising

Current Graduate Students

Audrey Parrish, Darby Proctor, Kate Talbot

Former Graduate Students

Laurent Prétôt (visiting from the University of Neuchatël, Switzerland, 2009)

Thesis Committees (other than my graduate students)

Bidhan Lamichhane (2009-pres, Physics), Malini Suchak (2008-pres, Emory), Lindsey Zimmerman (2008-9), Rebecca Antworth (2007-8), Megan van Wolkenten (2004-6, Emory)

Honors Students & Undergraduate Theses

Patrick Dougall (2009), Michael McAleer (2008), Cassie Freeman (2004, Emory), Hillary Schiff (2003, Emory), Kelly Bouxsein (2003, Emory)

Teaching

Georgia State:

Animal Behavior (2007, 2008, 2009, 2010)

Research Methods in Psychology (2008)

Emory:

Behavioral Ecology (2003)

Integrative Methods in Environmental Studies Laboratory (2003, 2004, 2006),

Primate Social Psychology (TA; 2000, 2002, 2003)

Morehouse:

Animal Behavior (2006, 2007)

Introductory Statistics (2006)

Oglethorpe:

Research Methods in Psychology (2003)

Teacher Training

Completed the FIRST Program's Teaching Training class, Emory University (2005)

Symposium & discussion series, Dean's Teaching Fellowship Program, Emory University (2003-4)

Instructor, TATTO (Teaching Assistant Training & Teaching Opportunity) Program, Emory University (2002, 2003)

Completed Emory University's TATTO (Teaching Assistant Training & Teaching Opportunity) Program (1999)

Guest Lectures (outside of classes taught or TA'd)

Biology Department, Emory University, *Philosophy & Science seminar*

Psychology Department, Georgia Tech *Responses to inequity in nonhuman primates (Graduate Seminar)*

Psychology Department, University of Wisconsin, Madison *Inequity behavior in nonhuman primates*

Biology Department, Georgia State University *Evolution of economic behavior*

Economics Department, Emory University *Response to inequity in nonhuman primates.*

Philosophy Department, University of North Carolina, Chapel Hill *Evolutionary*

Theory

History Department, Emory University *Research in inequity & emotions in nonhuman primates*

Neuroscience & Animal Behavior program, Emory University *Responses to inequity in nonhuman primates*

Anthropology Department, Emory University *An overview of nonhuman primates*

Anthropology Department, University of Texas *Cooperation in nonhuman primates*

Political Science Department, Emory University *Freshman Seminar on Conflict & Cooperation*

Environmental Studies Department, Emory University, *Freshman Seminar on Studying Behavior You Did Not See*

K-12 Outreach

High school psychology (AP and college prep), Dacula High School, Atlanta, GA
Primate Research in Psychology

5th grade science class, Kittridge Magnet School, Atlanta, GA *Using the Scientific Method in Real Life - Lessons from a Primatologist*

12th grade special topics class, The Lovett School, Atlanta, GA *What nonhuman primates can tell us about human behavior*

12th grade special topics class & upper level Ecology class, The Lovett School, Atlanta, GA *Response to inequity in nonhuman primates*

Professional Service

2009, 2010 GSURC Judge

2008, 2009 PURC Judge

2008-present Phi Beta Kappa steering committee (co vice-chair)

2008-present B&B Psychology committee

2008-present Undergraduate Education Committee, CBN

2008-present LRC Contact committee

2007-present LRC Administrative committee

2003-2006 Student Health Insurance committee, Emory University

2002 American Society of Primatologists Graduate Student Issues Panel member

1999-2004 Graduate student member of the Population Biology, Ecology, & Evolution Program's executive committee

1998 Judge, Heart of Texas High School Science Fair

Professional Societies

1998-present American Society of Primatologists

1998-present International Society of Primatologists

2009-present Society for Experimental Social Psychology

2008-present Association for Psychological Science

2009-present American Psychological Association

2003-present Society for Personality & Social Psychology

2004-present Society for the Evolutionary Analysis of Law

2006-present International Society for Research on Emotions
2006-present Economic Science Association
1998-present Animal Behavior Society
2002 Comparative Cognition Society
1996-1998 Texas Society of Mammalogists

Conference Presentations

Lamichhane, B, Akhikari, BM, Brosnan, SF, Dhamala, M (March, 2010) Brain activity and network in economic decision-making. South East Nerve Net, Atlanta, GA.

Brosnan, SF (October, 2009) Property in non-human primates. Symposium on Property. Presented at the Child Development Society annual meeting, San Antonio, TX.

Brosnan, SF, Talbot, C, Ahlgren, M, Lambeth, SP, & Schapiro, SJ (September, 2009) A sex difference in the response to inequity in chimpanzees. Presented at the American Society of Primatologists annual meeting, San Diego, CA.

Brosnan, SF (August, 2009) The evolution of social preferences. Symposium on Evolutionary Perspectives on Social Cohesion & Decision Making. Presented at the American Psychological Association annual meeting, Toronto, Canada.

Jones, GT & Brosnan, SF (June, 2009) The Importance of Simmelian Ties: Social Network Decomposition & the Emergence of Reciprocity, International Association for Conflict Management, Kyoto, Japan.

Jones, GT & Brosnan, SF (April, 2009) Social Contracts on Social Networks: Local Patterns of Interaction, Local Strategy Dynamics & the Emergence of Reciprocity, Workshop on Context & the Evolution of Mechanisms for Solving Collective Action Problems, Workshop in Political Theory & Policy Analysis at Indiana University, Indiana University School of Law, & The Gruter Institute for Law & Behavioral Research, Bloomington, Indiana.

Jones, GT & Brosnan, SF (April, 2009) Simmelian Ties in Chimpanzees: Social Structure & the Evolution of Reciprocity, Society for Evolutionary Analysis in Law, Vanderbilt University Law School, Nashville, Tennessee.

Brosnan, SF (2008, August) Inequity & Cooperation. International Primatological Society XXII Conference, Edinburgh, Scotland

Van Wolkenten, M, Brosnan, SF, & de Waal, FBM (2008, August) *Responses to inequity in effort & reward in brown capuchin monkeys (Cebus apella)*. International Primatological Society XXII Conference, Edinburgh, Scotland

Brosnan, SF, Jones, OJ, Lambeth, SP, & Schapiro, SJ (2007, June) *Endowment effects in chimpanzees*. American Society of Primatologists annual meeting, Winston-Salem, NC.

Brosnan, SF *Inequity in nonhuman primates*. Symposium organized by Laurie Santos at the Society for Personality & Social Psychology Annual Meeting, Memphis, TN (2007, January).

Brosnan, SF *Inequity responses & social emotions in nonhuman primates*. Symposium organized by Jesse Prinz at the International Society of Research on Emotions, Atlanta, GA (2006, August).

Brosnan, SF *What nonhuman primates understand about their social partner's rewards*. Symposium at the Society for Philosophy & Psychology, St. Louis, MI. (2006, June).

Brosnan, SF, Grady, M, Lambeth, SP, Thiele, E, & Schapiro, SJ. (2005, June) *Chimpanzee Autarky*. Human Behavior & Evolution annual meeting, Austin, TX.

Brosnan, SF (2004, June) *How Shall I Compare Thee? Behavioral similarities & differences between chimpanzees & capuchin monkeys*. American Society of Primatologists annual meeting, Madison, WI.

Brosnan, SF, Schiff, HC & de Waal, FBM (2004, June) *Variation exchange behavior in different social groups of chimpanzees*. American Society of Primatologists annual meeting, Madison, WI.

Earley, RL., Bragg, JA., & Brosnan, SF (2004, March) *Simulating dominance hierarchy formation in animals: a critical look at earlier assumptions of seemingly infinite fighting abilities*. Southeastern Ecology & Evolution Conference, Atlanta, GA.

Brosnan, SF & de Waal, FBM (2003, December) *A negative reaction to unequal reward division in non-human primates*. Göttinger Freil&tage, Cooperation in Primates & Humans: Mechanisms & Evolution, Göttingen, Germany.

Brosnan, SF (2003, September) *Monkeys reject unequal pay*. GDBBS/DSAC graduate student symposium at Emory University, Atlanta, GA.

Brosnan, SF & de Waal, FBM (2003, August) *Female brown capuchins (Cebus apella) respond to inequity in an experimental exchange situation*. American Society of Primatologists annual meeting, Calgary, Alberta, Canada.

Brosnan, SF & de Waal, FBM (2003, March) *Observational learning requires a social component in brown capuchin monkeys, Cebus apella*. International Conference on Comparative Cognition annual meeting, Melbourne, FL.

Brosnan, SF & de Waal, FBM (2002, July) *A concept of value in chimpanzees (Pan troglodytes)*. Animal Behavior Society's annual meeting, Bloomington, IN.

Brosnan, SF & de Waal, FBM (2002, June) *Social learning in brown capuchin monkeys (Cebus apella)*. American Society of Primatologists annual meeting, Oklahoma City, OK.

Brosnan, SF & de Waal, FBM (2001, August) *A concept of value in brown capuchin monkeys (Cebus apella)*. American society of Primatologists annual meeting, Savannah, GA.

Brosnan, SF & Dugatkin, LA. (2001, July) *Social learning & predator inspection in guppies (Poecilia reticulata)*. Animal Behavior Society annual meeting, Corvallis, OR.

Brosnan, SF & de Waal, FBM (2000, August) *Brown capuchin monkey's Understanding of their partner's role in exchange*. Animal Behavior Society annual meeting, Atlanta, GA.

Brosnan, SF, Seres, Mike, & de Waal, FBM (2000, June) *The effects of food quantity & audience on food calls in chimpanzees (Pan troglodytes)*. Poster presented at the American Society of Primatologists annual meeting, Boulder, Colorado.

Brosnan, SF (1999, April). *Cooperation in capuchins*. Emory University Population Biology, Ecology & Evolution Program, Atlanta, GA.

Sera, Wendy E., Brosnan, SF, Carter, Tracy A., & Lybr&, Amy J. (1998, June). *Reproduction & parental care in female-biased groups of prairie voles, Microtus ochrogaster*. American Society of Mammalogists meeting, Blacksburg, VA.

Brosnan, SF (1998, April). *Male mating behavior in female-biased groups of prairie voles, Microtus ochrogaster*. Honors Convocation of Baylor University, Waco, TX.

Brosnan, SF & Sera, WE. (1998, February). *Male mating behavior in female-biased groups of prairie voles, Microtus ochrogaster*. Texas Society of Mammalogists meeting, Junction, TX.

Selected Publicity

Radio & Television Interviews:

NPR's "All Things Considered," NPR "Wait, Wait, Don't tell me," BBC "Science in Action," CBC "Quirks & Quarks," Radio Free Europe, Voice of America, Deutschfunk (Germany National Public Radio), Countdown with Keith Olbermann (MSNBC), Discovery Channel Canada

Print Media:

Nature Science Update, National Geographic (online), Scientific American (online), Scientific American Mind, New Scientist, Discover, ScienceNow, Live Science, The APA Monitor, The Economist, New Yorker Magazine, The Skeptic, Wired, US News & World Report, NY Times, Wall Street Journal, USA Today, CNN, Associated Press, Reuters, Newsday, BBC, Dallas Morning News, The Guardian, The Daily Telegraph, Spektrum, La Vanguardia, La Macchina del Tempo, Sciences et Avenir