

# **SARAH F. BROSNAN**

*Georgia State University  
Department of Psychology, Neuroscience Institute & Language Research Center  
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## **Education**

- 2004 Ph.D. in Population Biology, Ecology, and Evolution  
Graduate Division of Biological and 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 and the Neuroscience Institute
- 2007-pres. Assistant Professor (Adjunct), The Michale E. Keeling Center for Comparative Medicine and Research, The University of Texas M. D. Anderson Cancer Center
- 2007-pres. Research fellow of the Gruter Institute for Law and Behavior
- 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 Michale E. Keeling Center for Comparative Medicine and 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 and Awards**

- 2008 Brains & Behavior seed grant "Neuro-biological basis of human decision-making" PI Mukesh Dhalama (\$30,000)
- 2007-2010 NSF Human Social Dynamics grant "Understanding of strategic economic interactions through cross-species analysis" with co-PIs Bart Wilson and Michael Beran (SES 0729244, \$515,447 in total costs)

- 2007 Morton Deutsch Award for the best paper of the year published in Social Justice Research in 2006
- 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
- 1999 National Science Foundation Graduate Research Fellowship
- 1998 Graduate Research Fellowship, Emory University Department of Biological and Biomedical Sciences
- 1998 Phi Beta Kappa
- 1996 Jack and Noma Jean Folmar Grant, Biology Department, Baylor University (\$500)
- 1996 Bob Gardner Memorial Biology Grant, Beta Tau Chapter Beta Beta Beta, Baylor University (\$500)

## **Publications**

### ***Peer Reviewed Publications***

Brosnan, Sarah F., Silk, Joan B., Henrich, Joseph, Mareno, Mary Catherine, Lambeth, Susan P., and Schapiro, Steven J. (2009) Chimpanzees (*Pan troglodytes*) do not develop contingent reciprocity in an experimental task. *Animal Cognition*. DOI 10.1007/s10071-009-0218-z

Brosnan, Sarah F., Newton-Fisher, Nicholas E., and van Vugt, Mark (2009) A melding of the minds: When primatology meets social psychology. *Personality and Social Psychology Review*. doi:10.1177/1088868309335127

Brosnan, Sarah F. & Beran, Michael J. (*in press*) Bartering behavior between conspecifics in chimpanzees, *Pan troglodytes*. *Journal of Comparative Psychology*.

Brosnan, Sarah F., Grady, Mark, Lambeth, Susan P., Schapiro, Steven J., and Beran, Michael J. (2008) Chimpanzee Autarky. *PLoS ONE* 3(1): e1518. doi:10.1371/journal.pone.0001518.

Vonk, Jennifer, Brosnan, Sarah, Silk, Joan B., Henrich, Joseph, Schapiro, Steven, Richardson, Amanda, Lambeth, Susan P., Povinelli, Daniel J. (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, Owen D. and Brosnan, Sarah F. (2008) Law, Biology and Property: A new theory of the endowment effect. *William & Mary Law Review*, 49: 1935-1990.

Brosnan, Sarah. F., Jones, Owen D., Lambeth, Susan P., Mareno, Mary Catherine, Richardson, Amanda S., and Schapiro, Steven J. (2007) Endowment effects in chimpanzees. *Current Biology* 17 (19): 1-4.

Van Wolkenten, Megan, Brosnan, Sarah F., and de Waal, Frans B. M. (2007) Inequity responses of monkeys modified by effort. *PNAS* 104: 18854-18859.

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

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

Brosnan, Sarah F., Freeman, Cassie, and de Waal, Frans B. M. (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, Joan B., Brosnan, Sarah F., Vonk, Jennifer, Henrich, Joseph, Povinelli, Daniel, Richardson, Lambeth, Susan, Amanda, Mascaró, Jenny, and Schapiro, Steven. (2005) Chimpanzees are indifferent to the welfare of unrelated group members. *Nature* 437: 1357-1359.

Brosnan, Sarah F. and de Waal, Frans B. M. (2005) A simple response to barter in chimpanzees (*Pan troglodytes*). *Primates* 46: 173-182.

Brosnan, Sarah F., Schiff, Hillary C., and de Waal, Frans B. M. (2005) Chimpanzees' (*Pan troglodytes*) reactions to inequity during experimental exchange. *Proceedings of the Royal Society of London, Series B* 1560: 253-258.

Brosnan, Sarah F. and de Waal, Frans B. M. (2004) A concept of value during experimental exchange in brown capuchin monkeys. *Folia Primatologica* 75: 317-330.

Brosnan, Sarah F. and de Waal, Frans B. M. (2004) Socially learned preferences for differentially rewarded tokens in the brown capuchin monkeys (*Cebus apella*). *Journal of Comparative Psychology* 118 (2): 133-139.

Brosnan, Sarah F. and de Waal, Frans B. M. (2003) Monkeys reject unequal pay. *Nature* 425: 297-299.

Brosnan, Sarah F., Dugatkin, Lee A., and Early, Ryan L. (2003) Observational learning and predator inspection in guppies, (*Poecilia reticulata*). *Ethology* 109: 823-834.

Brosnan, Sarah F. and de Waal, Frans B. M. (2003) Regulation of vocalizations by chimpanzees finding food in the presence or absence of an audience. *Evolution of Communication* 4 (2): 211-224.

Brosnan, Sarah F. and de Waal, Frans B. M. (2002). Variations on tit-for-tat: Proximate mechanisms of cooperation and reciprocity. *Human Nature* 13 (1): 129-152.

## **Chapters**

Brosnan, Sarah F. (*in press*) Prosocial behavior in chimpanzees. (ed. *Elizabeth Lonsdorf, Steven Ross, and Tetsuro Matsuzawa*) in *The Chimpanzee Mind*. University of Chicago Press.

Brosnan, Sarah F. (2008). Inequity responses in nonhuman primates in *Neuroeconomics* (ed. *Paul Glimcher, Ernst Fehr, Colin Camerer, Russ Poldrack*). Elsevier, pp. 285-302.

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

Brosnan, Sarah F. (2008) How primates (including us!) respond to inequity. (ed. *Daniel Houser and Kevin McCabe*) in *Neuroeconomics: Advances in Health Economics* series. Emerald, pp 99-124.

de Waal, Frans B. M. and Brosnan, Sarah F. (2006) Simple and complex social reciprocity in monkeys and apes. In *Cooperation in Primates and Humans: Mechanisms and Evolution* (ed. *Peter Kappeler & Carel van Schaik*). Springer Press.

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

## **Reviews, Replies & Commentaries**

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

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

Brosnan, Sarah F. (2007) Our Social Roots. Review of "Macchiavellian Intelligence" by Dario Maestripietri, "Gorilla Societies" by Andrew Harcourt and Kelly Stewart, and "Chimpanzee Societies, 25<sup>th</sup> Anniversary Edition" by Frans de Waal. *Nature* 425: 1160-1161.

Silk, Joan B., Brosnan, Sarah F., Vonk, Jennifer, Henrich, Joseph, Povinelli, Daniel, Richardson, Lambeth, Susan, Amanda, Mascaró, Jenny, and Schapiro,

Steven. (2006) Animal Behavior: Chimpanzee choice and prosociality (Reply). *Nature* 440: E6.

Brosnan, Sarah F. (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, Sarah F. and de Waal, Frans B. M. (2006) Partial support for a non-replication: Commentary on Roma, Silberberg, Ruggiero, and Suomi (2006). *Journal of Comparative Psychology* 120(1): 74-75.

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

Brosnan, Sarah F. and de Waal, Frans B. M. (2004) Reply to "Inequity aversion in capuchins". *Nature* 428: 140.

de Waal, Frans B. M. and Brosnan, Sarah F. (2003) Review of "What it Means to be 98% Chimpanzee" by Jonathan Marks and "In Defense of the Soul: What it means to be human" by Ric Machuga. *Science and Spirit* Jan/Feb: 41.

### **Invited Talks**

*Inequity and prosocial preferences.* The Evolution of Social Psychology, 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 and 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 and 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, and the Brain. Squaw Valley, CA (2007, May).

*Fairness and 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 and the Templeton Foundation, Queen Mary College, London, England (2007, April).

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

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

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

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

*Fairness and 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 and 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, and the Brain, The Gruter Institute, Squaw Valley, CA. (2006, May).

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

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

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

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

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

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

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

*Fairness and 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 and Conflict Resolution, Squaw Valley conference on Law, Behavior, and 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 and capuchin monkeys.* 2<sup>nd</sup> 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, and 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 and chimpanzees.* Justice Preconference, Society for Personality and Social Psychology, Austin, TX. (2004, January)

*Variation in reactions to inequitable treatment in two primate species, capuchin monkeys and chimpanzees.* UT/MD 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 and 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 and 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, and Responses to Inequity. Organized with Charles Snowdon and Katie Cronin for the International Primatological Society XXII Conference, Edinburgh, Scotland (2008, August)

### **Workshop Participation**

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 and the Brain workshop on The Biology of Conflict Resolution, Atlanta, GA (2006, October)

Templeton Foundation/Gruter Institute for Law and 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 Board***

**2006 – present** PLoS ONE (a journal of the Public Library of Science)

#### ***Ad Hoc Referee***

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

#### ***Grant Reviews***

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

## **Teaching**

### ***Georgia State:***

Animal Behavior (2007, 2008, 2009), 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***

### **2005**

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

### **2003-2004**

Symposium & discussion series, Dean's Teaching Fellowship Program, Emory University.

### **2002, 2003**

Instructor, TATTO (Teaching Assistant Training and Teaching Opportunity) Program, Emory University

### **1999**

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

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

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 and emotions in nonhuman primates*

Neuroscience and 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 and Cooperation*

Environmental Studies Department, Emory University, *Freshman Seminar on*

*Studying Behavior You Did Not See*

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

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

12<sup>th</sup> grade special topics class and upper level Ecology class, The Lovett School, Atlanta, GA *Response to inequity in nonhuman primates*

**Mentoring & Advising**

***Graduate Students***

Darby Proctor (current)

***Honors Students***

Hillary Schiff (2003), Michael McAleer (2008), Patrick Dougall (current)

***Masters Committees***

Megan van Wolkenten (2004-6), Rebecca Antworth (2007-pres), Malini Suchak (2008-pres), Lindsey Zimmerman (2008-pres)

**2009**

Honors students: Patrick Dougall

Research Practicum students: Shelley Blumrick

Volunteer students: Latorya Dopson, Ryann Frye (Clayton State), Carla Heyler (Emory), Jennifer Morris, Stephanie Stuart

Committees: Malini Suchak (Emory, masters), Lindsey Zimmerman (masters), Lisa Heimbauer (GE), Megan Hoffman (GE)

**2008**

Honors students: Michael McAleer, Patrick Dougall

Research Practicum students: Patrick Dougall, Mike McAleer and Marina Bushkanets

Interns: Carla Heyler (BRAIN Fellow)

Committees: Malini Suchak (Emory University, masters), Lindsey Zimmerman (masters), Timothy Flemming (GE)

Volunteer students: Jennifer Morris, Carla Heyler (Emory), Ryann Frye (Clayton State)

**2007**

Master's committee: Rebecca Antworth

**2004- 2006**

Master's committee for psychology graduate student, advisor to thesis project (Megan van Wolkenten)

**2003-2004**

Advisor to Neurobiology and Behavior student completing her thesis research and writing (Cassie Freeman)

**2002-2003**

Advisor & adjunct committee member to an Honors Student completing her thesis research and writing (Hillary Schiff)

Mentor to a research student (Laura Antonucci)

## **2001-2002**

Advisor to two Neurobiology and Behavior students completing their thesis research and writing (Kelly Boussein & Hillary Schiff)

## **2000**

Advisor to Emory SURE student (Aviva Tropp)

## **1999-2001**

Mentor to research student (Lisa Bradley)

## **Research Positions**

### **1998-2004**

Graduate Student at Emory University, Atlanta, GA

### **1997-1998**

Honors Thesis Research: Analysis of *Microtus ochrogaster* (prairie vole) groups composed of multiple females and one male for differential mating behavior by the male towards each individual female.

### **1996-1998**

Research Assistant to Dr. Wendy E. Sera, Baylor University

### **1996-1998**

Research Assistant to Dr. Owen T. Lind, Baylor University

## **Professional Service**

### **2008-present**

Undergraduate Education Committee, Center for Behavioral Neuroscience

### **2003-2006**

Representative to the Student Health Insurance committee, Emory University

### **2002**

American Society of Primatologists Graduate Student Issues Panel

### **1999-2004**

Graduate student member of the Population Biology, Ecology, and 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

2003-present

Society for Personality and Social Psychology

2004-present

Society for the Evolutionary Analysis of Law

2006-present

International Society for Research on Emotions

2006-present

Economic Science Association

1998-2004

Animal Behavior Society

2002

Comparative Cognition Society

1996-1998

Texas Society of Mammalogists

## **Conference Presentations**

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

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

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

Brosnan, Sarah F. (2008, August) Inequity and Cooperation. International Primatological Society XXII Conference, Edinburgh, Scotland

Van Wolkenten, Megan, Brosnan, Sarah F., and de Waal, Frans B. M. (2008, August) *Responses to inequity in effort and reward in brown capuchin monkeys (Cebus apella)*. International Primatological Society XXII Conference, Edinburgh, Scotland

Brosnan, Sarah F., Jones, Owen, Lambeth, Susan P., and Schapiro, Steven J. (2007, June) *Endowment effects in chimpanzees*. American Society of Primatologists annual meeting, Winston-Salem, NC.

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

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

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

Brosnan, Sarah F., Grady, Mark, Lambeth, Susan P, Thiele, Erica, and Schapiro, Steven. (2005, June) *Chimpanzee Autarky*. Human Behavior and Evolution annual meeting, Austin, TX.

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

Brosnan, Sarah F., Schiff, Hillary C., and de Waal, F. B. M. (2004, June) *Variation exchange behavior in different social groups of chimpanzees.* American Society of Primatologists annual meeting, Madison, WI.

Earley, Ryan L., Bragg, Julian A., and Brosnan, Sarah F. (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, Sarah F. & de Waal, Frans B. M. (2003, December) *A negative reaction to unequal reward division in non-human primates.* Göttinger Freilandtage, Cooperation in Primates and Humans: Mechanisms and Evolution, Göttingen, Germany.

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

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

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

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

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

Brosnan, Sarah F. & Dugatkin, Lee A. (2001, July) *Social learning and predator inspection in guppies (Poecilia reticulata).* Animal Behavior Society annual meeting, Corvallis, OR.

Brosnan, Sarah F. & de Waal, Frans B. M. (2000, August) *Brown capuchin monkey's understanding of their partner's role in exchange*. Animal Behavior Society annual meeting, Atlanta, GA.

Brosnan, Sarah F., Seres, Mike, and de Waal, Frans B. M. (2000, June) *The effects of food quantity and audience on food calls in chimpanzees (Pan troglodytes)*. Poster presented at the American Society of Primatologists annual meeting, Boulder, Colorado.

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

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

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

Brosnan, Sarah F. and Sera, Wendy E. (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 and Quarks," Radio Free Europe, Voice of America, Deutschlandfunk (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 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