

Darby Proctor

Curriculum Vitae

Education

- 2008–2012 **Ph.D. – Psychology: Animal Behavior**, *Georgia State University*.
Adviser: Sarah F. Brosnan
- 2005–2007 **M.A. – Biological Anthropology**, *Georgia State University*.
Adviser: Frank L. Williams
- 2002–2003 **M.S. – Business Management**, *University of Florida*.
- 1998–2002 **B.A. – Biological Anthropology**, *University of Florida*.

Academic Appointments

- 2015–Current **Assistant Professor, Department of Psychology**, *Florida Institute of Technology*.
- 2012–2015 **Postdoctoral Fellowship in Research and Science Teaching**, *Emory University and Yerkes National Primate Research Center*. Adviser: Frans B.M. de Waal.
- 2014–2015 **Adjunct Faculty**, *Spelman College*.

Grants and Awards

- 2012 Certificate of Excellence in College Teaching, Georgia State University.
- 2011 American Psychological Association Dissertation Research Award.
- 2010 Rumbaugh Grant-in-Aid of Research, Georgia State University.

Publications

Peer Reviewed

D. Proctor, R.A. Williamson, R.A. Latzman, and S.F. Brosnan. Gambling primates: Reactions to a modified Iowa gambling task in humans, chimpanzees and capuchin monkeys. *Animal Cognition*, 17:983–995, 2014.

D. Proctor, R.A. Williamson, F.B.M. de Waal, and S.F. Brosnan. Chimpanzees play the ultimatum game. *Proceedings of the National Academy of Sciences*, 110(6):2070–2075, 2013.

D. Proctor and S.F. Brosnan. Visual processing speed in capuchin monkeys (*Cebus apella*) and rhesus macaques (*Macaca mulatta*). *International Journal of Comparative Psychology*, 26:166–175, 2013.

L.H. Salwiczek, L. Prétôt, L. Demarta, D. Proctor, J. Essler, A.I. Pinto, S. Wismer, T. Stoinski, S.F. Brosnan, and R. Bshary. Adult cleaner wrasse outperform capuchin monkeys, chimpanzees and orangutans in a complex foraging task derived from cleaner–client reef fish cooperation. *PLoS one*, 7(11):e49068, 2012.

D. Proctor, S.P. Lambeth, S.J. Schapiro, and S.F. Brosnan. Male chimpanzees' grooming rates vary by female age, parity, and fertility status. *American Journal of Primatology*, 73(10):989–996, 2011.

V. Horner, D. Proctor, K.E. Bonnie, A. Whiten, and F.B.M. de Waal. Prestige affects cultural learning in chimpanzees. *PLoS ONE*, 5(5):e10625, 2010.

M.W. Campbell, J.D. Carter, D. Proctor, M. L. Eisenberg, and F.B.M. de Waal. Computer animations stimulate contagious yawning in chimpanzees. *Proceedings of the Royal Society B: Biological Sciences*, 276(1676):4255–4259, 2009.

Replies and Commentaries

D. Proctor, R.A. Williamson, F.B.M. de Waal, and S.F. Brosnan. Reply to Henrich and Silk: Toward a unified explanation for apes and humans. *Proceedings of the National Academy of Sciences*, 110(33):E3050, 2013.

D. Proctor, R.A. Williamson, F.B.M. de Waal, and S.F. Brosnan. Reply to Jensen et al.: Equitable offers are not rationally maximizing. *Proceedings of the National Academy of Sciences*, 110(20):E1838, 2013.

D. Proctor, S.F. Brosnan, and F.B.M. de Waal. How fairly do chimpanzees play the ultimatum game? *Communicative and Integrative Biology*, 6(3):e23819, 2013.

Books and Chapters

S.F. Brosnan, F.B.M. de Waal, and D. Proctor. Reciprocity in non-human primates. In S. Preston, editor, *The Interdisciplinary Science of Consumption*. Oxford University Press, Oxford, 2014.

D. Proctor and S.F. Brosnan. Political primates: What other primates can tell us about the evolutionary roots of our own political behavior. In P. Hatemi and M. McDermott, editors, *Man is by Nature a Political Animal: Evolution, Biology and Politics*, pages 47–71. University of Chicago Press, Chicago, 2011.

Invited Talks

- 2014 Behavioral Economics in Nonhuman Primates. Seminar for Fellows in Research and Science Teaching (FIRST), Emory University, Atlanta, Georgia.
- 2014 We are 98% Chimp and 50% Bananas: What Apes Can Teach Us About Our Own Shortcomings. Nerd Nite Atlanta. Atlanta, Georgia.
- 2013 Behavioral Economics in Primates. Keynote Address, Undergraduate Research Day, Concord University, Athens, West Virginia.
- 2013 The Primate Gambling Task. Center for Mind, Brain and Culture, Post-Doctoral Lunch Symposium, Emory University, Atlanta, Georgia.

Professional Development

- 2013 Ethics Course for Postdoctoral Fellows, Emory University
- 2013 Lab Management Course for Early Career Scientists, Emory University
- 2013 Workshop and Writing Retreat to Increase the Productivity of Faculty, Stonehill College and University of Virginia's Mountain Lake Biological Research Station.
- 2013 Interactive Teaching Workshop, American Association for Engineering Education, Georgia Institute of Technology
- 2009 Context and the Evolution of Mechanisms for Solving Collective Action Problems Workshop, Gruter Institute for Law and Behavioral Research, Indiana University.

Teaching and Pedagogy

Instructor of Record

- Learning and Behavior with Lab, Spelman College, Fall 2014.
- Forays in Primatology, Spelman College, Spring 2014.
- Animal Behavior, Georgia State University, Fall 2010, Spring 2011, Fall 2011.
- Introduction to Anthropology, Georgia State University, Summer 2006.

Guest Lectures

- Moral Behaviors in Nonhuman Primates, Georgia College and State University, Spring 2014.
- Metabolism, Obesity and Disease, Spelman College, Fall 2013.
- Junior Career Seminar, Georgia Gwinnett College, Fall 2013.
- Primate Social Psychology, Emory University, Spring: 2013, 2012, 2011, 2010, 2009.
- Primate Behavior, Georgia State University, Spring 2010, 2013.
- Introduction to Research Methods, Georgia State University, Spring 2010.
- Animal Behavior, Georgia State University, Spring 2012, Spring 2009, Fall 2009, Fall 2008.

Pedagogical Training

- IRACDA Conference on Pedagogy, Summer 2013, 2014.
- Course Within a Course, FIRST Postdoctoral Teaching Course, Spring 2013.
- Center for Instructional Innovation, Georgia State University, Book Club, Fall 2011, Spring 2012.
- Center for Teaching and Learning, Georgia State University, Seminar Series, Fall 2010 – Spring 2011.
- Introduction to Teaching, Georgia State University, Summer 2010.
- Teaching Practicum, Georgia State University, Fall 2006.

Mentorship

- Jennifer Essler, McNair Fellow at Georgia State University, 2010.
- Lanila Demarta, visiting Master's Student from University of Neuchâtel, Fall 2010.
- Laurent Prétôt, visiting Master's Student from University of Neuchâtel, Fall 2009.

Emily Stephens, BRAIN fellow, Summer 2009.

Co-Mentor, Michelle Eisenberg, SURE fellow, Summer 2008.

Community Outreach

Moral Behaviors in Animals? A Primatologists Perspective. Webinar to the Pet Professional Guild, 2014.

Science Fair Judge, Sigma Xi Online Science Fair, 2013.

Science Fair Judge, Dekalb County Science Fair, Atlanta, Georgia, 2013.

Science Night Presenter, Oak Grove Elementary School, Atlanta, Georgia, 2012.

Science Fair Judge, Sammy E. Coan Middle School, Atlanta, Georgia, 2011.

Proctor, D. (2007). Read my Lips. From The Last Great Ape NOVA website. www.pbs.org/wgbh/nova/bonobos/read.html.

Fossils! Presentation for sixth graders at Bethune Middle School, Decatur, Georgia, 2006, 2007.

Zoo Atlanta, Intern, Golden Lion Tamarin Free-Ranging Project, Atlanta, Georgia, 2005.

Professional Service

- Reviewer Cognition, Evolution and Human Behavior, PLoS One, Psychology and Neuroscience, Quarterly Review of Biology
- 2011–Current Coordinator of School Research, Think Elephants International.
- 2010–2012 Graduate Association of Student Psychologists, Liaison to the Graduate Student Council, Georgia State University.
- 2008–2012 Webmaster, Laboratory for Comparative Economics and Behavioral Studies, Georgia State University.
- 2006–2012 Webmaster, Living Links Center, Emory University, Yerkes National Primate Research Center.
- 2008–2009 Graduate Student Council, Member and Webmaster, Georgia State University.
- 2006–2007 Graduate Student Council, Founder and President, Georgia State University.

Professional Organizations

- 2007–Current American Society of Primatologists.
- 2008–Current International Primatological Society.
- 2010–Current Sigma Xi.
- 2010–Current American Psychological Association.

Conference Presentations

Proctor, D., Calcutt, S. and de Waal, F.B.M. (2014, September). Audience effects in a gambling task with chimpanzees. American Society of Primatologists Annual Meeting, Decatur, Georgia.

- Proctor, D., Williamson, R.A., Lutzman, R.D., de Waal, F.B.M. and Brosnan, S.F. (2014, August). Gambling primates: Responses to a modified Iowa gambling task. International Primatological Society Congress XXV, Hanoi, Vietnam.
- Proctor, D. (2013, June). Chimpanzees and children play the ultimatum game. American Society of Primatologists Annual Meeting, San Juan, Puerto Rico.
- Proctor, D., and Brosnan, S.F. (2012, August). Gambling among primates: The primate gambling task. International Primatological Society Congress XXIV, Cancun, Mexico.
- Proctor, D., de Waal, F.B.M., and Brosnan, S.F. (2012, March). Chimpanzees make equitable offers in an ultimatum game. International Conference on Comparative Cognition, Melbourne, Florida.
- Proctor, D., Lambeth, S., Schapiro, S., and Brosnan, S. F. (2011, September). Male chimpanzees' grooming rates vary by female age, parity, and fertility status. American Society of Primatologists Annual Meeting, Austin, Texas.
- Proctor, D. (2010, December). Behavioral responses to ultimatum games in chimpanzees and young children. Cognitive Sciences Lecture Series. Georgia State University, Atlanta, Georgia.
- Proctor, D. and Brosnan, S.F. (2010, September). Reciprocity in great apes. International Primatological Society Congress XXIII, Kyoto, Japan.
- Proctor, D., Lambeth, S., Schapiro, S., and Brosnan, S. F. (2010, March). Grooming the best investment. Southern Society for Philosophy and Psychology. Atlanta, Georgia.
- Proctor, D., Horner, V., and de Waal, F. B. M. (2009, June). The role of physical proximity in a social-learning model choice task. The Primate Mind Workshop, Erice, Italy.
- Proctor, D. and Hudson, K. (2006, March). Will the real *Parapapio* please stand up: Species differentiation in *Parapapio* using dental microwear. Georgia Academy of Sciences Annual Meeting, Lawrenceville, Georgia.
- Williams, F., Clymer, G. and Proctor, D. (2006, March). Is *Papiorobinsoni* or *Papioangusticeps* a better dietary ancestor for *Papioerusinus*? American Association of Physical Anthropologists Annual Meeting, Anchorage, Alaska.