

Last updated: August 15, 2007

**Kristin E. Bonnie**

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**EDUCATION**

- 2007  
August                   **Ph.D.**, Psychology – Neuroscience and Animal Behavior  
Emory University, Atlanta, GA  
Advisor: Frans de Waal  
Thesis title: Comparative studies of social learning in chimpanzees
- 2003  
December               **Master of Arts**, Psychology – Neuroscience and Animal Behavior  
Emory University, Atlanta, GA  
Advisor: Frans de Waal  
Thesis title: Affects of rewards and relationships on social learning among brown capuchin monkeys
- 1999                      **Bachelor of Science**, Magna Cum Laude with Honors in Psychology  
Minor in Biology  
St. Lawrence University, Canton, NY

**HONORS AND AWARDS**

- 2006-2007           Dean's Teaching Fellow, Emory University
- 2002-2005           National Science Foundation Graduate Research Fellowship
- 2001, 2006          Fellowship, Department of Psychology, Emory University
- 1999                  Phi Beta Kappa
- 1999                  Roach Outstanding Senior Psychology Major Award, St. Lawrence University
- 1998                  Psi Chi Psychology Honorary

**RESEARCH EXPERIENCE**

- 2001-2007           **Graduate Student Researcher**, Yerkes National Primate Center, Atlanta, GA  
Designed and conducted behavioral research with two species of non-human primates; collaborator on Chimpanzee Cultures Project between University of St. Andrews and Emory University
- 2002, 2003          **Lab Coordinator**, Yerkes National Primate Center, Atlanta, GA  
Led ongoing research projects on behavior and cognition of two social groups of brown capuchin monkeys; supervised undergraduate researchers and volunteers
- 1999-2001          **Research Technician**, Center for Behavioral Development, Boston University  
Planned and implemented research in the behavioral division of a multi-disciplinary project investigating the effects of prenatal malnutrition on learning and memory in rats. This work led to publications in *Developmental Psychobiology* and *Nutritional Neuroscience*

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1998           **Research Fellow**, Lincoln Park Zoo, Chicago, IL  
Awarded competitive fellowship to conduct an independent observational study investigating social behavior in captive cotton-top tamarins (*Saguinus oedipus*).

## PUBLICATIONS

de Waal FBM & **Bonnie KE** (in press). In tune with others: the social side of primate culture. To appear in: *The Question of Animal Culture* (K.N. Laland & B.G. Galef, Eds.).

**Bonnie KE** & Earley RL (2007). Expanding the scope for social information use. *Animal Behaviour*, 74, 171-181. doi: 10.1016/j.anbehav.2006.12.009.

Whiten A, Spiteri A, Horner V, **Bonnie KE**, Lambeth SP, Shapiro SJ, & de Waal FBM. (2007). High-fidelity transmission of multiple traditions within and between groups of chimpanzees. *Current Biology*, 17, 1038-1043. doi: 10.1016/j.cub.2007.05.031

**Bonnie KE** & de Waal FBM (2007). Copying without rewards: Socially influenced foraging decisions among brown capuchin monkeys. *Animal Cognition*, 10, 283-292. doi: 10.1007/s10071-006-0069-9.

**Bonnie KE**, Horner V, Whiten A, & de Waal FBM (2007). Spread of arbitrary conventions among chimpanzees: a controlled experiment. *Proceedings of the Royal Society of London*, 274, 367-372. doi: 10.1098/rspb.2006.3733

**Bonnie KE** & de Waal FBM (2006). Affiliation promotes the transmission of a social custom: handclasp grooming among captive chimpanzees. *Primates*, 47, 27-34.

Horner V, **Bonnie KE**, & de Waal FBM (2005). Identifying the motivations of chimpanzees: culture and collaboration. *Behavioral and Brain Sciences*, 28, 704-705.

**Bonnie KE** & de Waal FBM (2004). Primate social reciprocity and the origin of gratitude. In RA Emmons and ME McCullough (Eds.), *The Psychology of Gratitude*, pp 213-229. Oxford: Oxford University Press.

**Bonnie KE** & de Waal FBM (2004). A review of 'The Biology of Traditions' (DM Fragaszy and S Perry, Eds). *Ethology*, 110, 576-577.

Tonkiss J, Shultz PL, **Bonnie KE**, Hudson JL, Duran P, & Galler JR (2003). Spatial learning deficits induced by musimol and CL218,872: lack of effect of prenatal malnutrition. *Nutritional Neuroscience*, 6, 379-387.

Tonkiss J, **Bonnie KE**, Hudson JL, Shultz PL, Duran P, & Galler JR (2003). Ultrasonic call characteristics of rat pups are altered following prenatal malnutrition. *Developmental Psychobiology*, 43, 90-101.

## CONFERENCE PRESENTATIONS

**Bonnie KE** (July 2007). Social learning strategies in chimpanzees when reward probabilities vary. Talk given at the Animal Behavior Society conference, Burlington, VT.

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**Bonnie KE** (June 2007). In consideration of the 'social' in socially-mediated learning: lessons from capuchins and chimpanzees. Invited symposium talk given at the American Society of Primatologists annual meeting, Winston-Salem, NC

**Bonnie KE & de Waal FBM** (March 2007). Learning from others: what influences learning in a social setting? Poster presented at 'The Mind of the Chimpanzee' meeting in Chicago, IL.

**Bonnie KE, Horner V, Whiten A, & de Waal FBM.** (August 2006). Transmission of conventions among captive chimpanzees. Talk given at the Animal Behavior Society conference, Snowbird, UT.

**Bonnie KE & Earley RL** (March 2006). Stop, look and listen: An integrative framework for social information use in animals. Poster presented at the Comparative Cognition Conference, Melbourne, FL

**Bonnie KE & Earley RL** (June 2005). A framework for social information use: connecting 'watch and learn' concepts. Talk given at the Animal Social Learning conference, St. Andrews, Scotland.

**Bonnie KE & de Waal FBM** (June 2005). Formation of handclasp grooming partnerships is affected by affiliation and experience. Poster presented at the Animal Social Learning conference, St. Andrews, Scotland.

**Bonnie KE & de Waal FBM** (August 2004) Do rewards and social relationships affect learning of a foraging task in brown capuchin monkeys? Symposium talk given at the International Primate Society meeting, Torino, Italy.

**Bonnie KE & de Waal FBM** (June 2004). Continued spread of handclasp grooming among captive chimpanzees. Poster presented at the American Society of Primatology annual meeting, Madison, WI.

**Bonnie KE & de Waal FBM** (August 2003). Monkey see, monkey do? Factors affecting social learning in brown capuchin monkeys. Talk given at the International Ethology Conference, Florianopolis, Brazil.

**Bonnie KE & de Waal FBM** (March 2003). The role of reward on stimulus enhancement in capuchin monkeys. Talk given at the Comparative Cognition Society annual meeting, Melbourne, FL

## **INVITED TALKS**

April 4, 2007                      Beloit College, Beloit, WI – Department of Psychology

February 26, 2007                California State University, Fresno – Department of Biology

## **TEACHING AND MENTORING**

**Dean's Teaching Fellow** Emory University, Atlanta, GA (2006-2007)

Awarded competitive, university-wide fellowship to develop and teach a seminar in 'Comparative Animal Cognition' to undergraduates enrolled at Emory University.

**Adjunct Professor** Oglethorpe University, Evening Degree Program, Atlanta, GA (2005, 2007)

Taught two special topics seminars for this unique degree program for non-traditional undergraduates.

**Teaching Assistant** Emory University (7 semesters)

Gave at least one full lecture per semester, held weekly office hours and exam review sessions, monitored and answered questions posted to online course discussion board, developed and graded exams, met individually with students in need of additional help.

- Primate Social Psychology (Spring 2005, 2006)

- Behavioral Neuroscience (Spring 2004)

- Introductory Psychology: Psychobiology and Cognition (Fall 2003, 2004, 2005, 2006)

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**Teaching Associate/Laboratory Instructor** Emory University (2 semesters)

Primary instructor for weekly lab meetings, designed and implemented active learning exercises and study materials to reinforce and expand upon lecture material, aided students in designing, conducting and writing up three research projects, instructed students in SPSS

- Experimental Methods
- Elementary Statistics

**Mentor**

Supervised undergraduate students completing independent research projects for course credit or as part of a summer internship program. Aided students in developing a research project, including data collection, analysis and presentation at a scientific poster session.

- 2002 - Jennie Cochran (MIT)
- 2003 - Colleen Gault (Carnegie Mellon)
- 2004 - Anna Garr (Belmont University)
- 2006 - Deborah Moore (Georgia State University)

**Workshops and Training**

- Workshop Leader – Facilitated discussions among new and experienced graduate student teachers participating in Emory's TATTO program, August 2006
- Conference Participant - Southeast Teaching of Psychology (SETOP), February 2006
- Teaching Practicum – Completed semester long course exploring teaching strategies and pedagogical issues in higher education, Fall 2003
- TATTO (Teaching Assistant Training and Teaching Opportunity) program - Completed weeklong training and seminar series on teaching, Fall 2002

**SERVICE**

- 2004-2006 Graduate Student Instructors in Psychology (GSIP) - Cofounder and Treasurer
- 2003-2005 Curriculum Committee, Emory University Dept of Psychology - Student Representative
- 2001-2003 Graduate Student Advisory Council - Student Representative
- 2001-2002 Graduate Student Council - Department Representative

**PROFESSIONAL MEMBERSHIPS**

- American Society of Primatology (2001-present)
- Animal Behavior Society (2001-present)
- Comparative Cognition Society (2003, 2006)
- International Society of Primatologists (2002-present)