

Kristin E. Bonnie

Assistant Professor
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EDUCATION

- 2007 **PhD**, Psychology – Neuroscience and Animal Behavior, Emory University, Atlanta, GA
Advisor: Frans de Waal; Thesis: A comparative approach to social learning in chimpanzees
2003 **MA**, Psychology – Neuroscience and Animal Behavior, Emory University, Atlanta, GA
1999 **BS**, Magna Cum Laude with Honors in Psychology, St. Lawrence University, Canton, NY

ACADEMIC APPOINTMENTS

- 2008-present Assistant Professor, Beloit College, Department of Psychology
2007- 2008 Visiting Assistant Professor, Beloit College, Department of Psychology
2007 Dean's Teaching Fellow, Emory University
2007, 2005 Adjunct Instructor, Oglethorpe University, Evening Degree Program

HONORS AND AWARDS

- 2008 NSF International Post-doc Fellowship (declined)
2007 FIRST Post-doctoral fellowship, Emory University (declined)
2006-2007 Dean's Teaching Fellowship, 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

- 2008-present **Research Associate**, Lincoln Park Zoo, Chicago, IL
2001-2007 **Graduate Student Researcher**, Yerkes National Primate Center, Atlanta, GA
Conducted behavioral and cognitive research with two species of non-human primate
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*.
1998 **Research Fellow**, Lincoln Park Zoo, Chicago, IL
Awarded competitive fellowship to conduct an independent study investigating social behavior in captive cotton-top tamarins

PUBLICATIONS

- Earley RL & **Bonnie KE** (in prep). Puzzling over social information: how animals put the pieces together. Invited review paper to appear in a special issue of *Oikos*.
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.). Cambridge: Harvard University Press.

- Whiten A, Spiteri A, Horner V, **Bonnie KE**, Lambeth SP, Schapiro SJ & de Waal FBM (2007). Transmission of multiple traditions within and between chimpanzee groups. *Current Biology*, 17, 1038-1043. doi: 10.1016/j.cub.2007.05.031
- Bonnie KE** & Earley RL (2007). Expanding the scope for social information use: a critical review. *Animal Behaviour*, 74, 171-181.
- 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

- Horner V, Proctor D, **Bonnie KE**, Whiten A, & de Waal FBM (August 2008). Chimpanzee trendsetters: Does performer status affect the probability of cultural transmission? Talk given at the Congress of the International Primatological Society, Edinburgh, Scotland.
- Bonnie KE** & de Waal FBM (July 2007). Social learning strategies in chimpanzees when reward probabilities vary. Talk given at the Animal Behavior Society conference, Burlington, VT.
- Bonnie KE** (June 2007). In consideration of the 'social' in socially-mediated learning: lessons from capuchins and chimpanzees. Invited symposium talk presented 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 to be 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

November 13, 2008	University of Wisconsin-Madison-Animal Behavior discussion group
February 14, 2008	Simpson College, Indianola, IA – Department of Psychology
February 6, 2008	Beloit College, Beloit, WI – Department of Psychology
April 4, 2007	Beloit College, Beloit, WI – Department of Psychology
February 26, 2007	California State University, Fresno – Department of Biology

TEACHING AND MENTORING

Teaching Interests

Introductory Psychology	Learning & Memory	Physiological Psychology
Primate Behavior	Research Methods	Animal Cognition
Animal Behavior	Environmental Psychology	Statistics

Experience

Visiting Assistant Professor, Beloit College, Beloit, WI (August 2007-August 2008)

Taught Introduction to Psychology, Physiological Psychology, Research Methods and an advanced seminar in Animal Cognition to undergraduates at a selective liberal arts college.

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

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

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

Taught special topics seminars on 'Primate Social Behavior' and 'Animal Cognition' 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.

- Introductory Psychology: Psychobiology and Cognition (4 semesters)
- Primate Social Psychology (2 semesters)
- Behavioral Neuroscience (1 semester)

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

Mentoring

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 participant – Beloit College, Information Literacy, May 2008
- Workshop participant – NITTE ‘Teaching with Technology’, January 2008
- 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 - Semester 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, Emory University, Fall 2002

SERVICE

Ad hoc reviewer for: *Current Anthropology*, *Integrative and Comparative Biology*

2007	Animal Behavior Society, Annual meeting - Volunteer
2004-2006	Graduate Student Instructors in Psychology (GSIP) - Cofounder and member
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)