

JENNIFER J. POKORNY

Yerkes National Primate Research Center / Living Links
954 Gatewood Road NE, Atlanta, GA 30322
Webpage: www.emory.edu/LIVING_LINKS/pokorny.html

Lab phone: (404) 727-2159
Fax: (404) 712-1649
Email: jpokorn@emory.edu

EDUCATION

- 2003-2009 **Emory University**, Atlanta, GA
Ph.D. in Psychology (Neuroscience & Animal Behavior Program)
Advisor: Frans de Waal, Ph.D.
Thesis title: Social categorization in capuchin monkeys (*Cebus apella*): In-group vs. out-group
- 2007 **Emory University**, Atlanta, GA
M.A. Psychology
Advisor: Frans de Waal, Ph.D.
Thesis title: Face recognition in capuchin monkeys (*Cebus apella*): Identification and classification of conspecifics
- 1996-2000 **University of Wisconsin – Madison**, Madison, WI
B.A. Anthropology and Social Welfare (double major)
Advisor: Karen Strier, Ph.D.

RESEARCH EXPERIENCE

- 2003-2009 Graduate Student Researcher, Yerkes National Primate Center, Atlanta, GA
Principle Investigator: Frans de Waal, Ph.D.
Design and implement non-invasive experiments on social cognition and face recognition in two groups of brown capuchins (*Cebus apella*); train and supervise undergraduate Honors and SURE students
- 2005 summer Capuchin Lab Coordinator, Yerkes National Primate Center, Atlanta, GA
Principle Investigator: Frans de Waal, Ph.D.
Supervised and trained undergraduate students in animal handling and lab protocol; oversaw daily lab activity; conducted experiments on social cognition
- 2001-2003 Associate Research Assistant, UW-Madison Dept. of Physiology, Madison, WI
Principle Investigator: Michele Basso, Ph.D.
Conducted single cell recordings of the basal ganglia in awake behaving monkeys; responsible for maintenance and training of colony of rhesus macaques; surgical preparation and participation; wrote and maintained computer programs to run experiments; trained lab members

HONORS AND AWARDS

2007-2008	Problems and Research to Integrate Science & Mathematics (PRISM) Graduate Fellowship, GK-12 grant from National Science Foundation (NSF)
2007	American Society of Primatologists Small Research Grant
2007	Office for Undergraduate Education Program Assistant Fellowship (declined)
2007	Woodruff Library Graduate Fellowship (declined)
2006	Wisconsin Symposium on Emotion Fellowship Award
2003-2007	Psychology Department Fellowship, Emory University
1999-2000	Golden Key National Honor Society
1996-2000	Kimberly-Clark Bright Futures Scholarship

PUBLICATIONS

Pokorny, J.J. & de Waal, F.B.M. (in prep). Facial identification of group members by capuchin monkeys.

Pokorny, J.J., Webb, C.E., & de Waal, F.B.M. (submitted). Capuchin monkeys show specialized face processing with an inversion effect modified by expertise.

Horner, V., **Pokorny, J. J.**, Bonnie, K. E., & de Waal, F. B. M. (submitted). Faithful transmission of group-specific behavior by captive capuchin monkeys (*Cebus apella*).

Pokorny, J.J. & de Waal, F.B.M. (2009). Face recognition in capuchin monkeys (*Cebus apella*). *Journal of Comparative Psychology*. 123(2), 151-160.

de Waal, F.B.M & **Pokorny, J.J.** (2008). Faces and behinds: Chimpanzee sex perception. *Advanced Science Letters*, 1(1), 99-103.

de Waal, F.B.M & **Pokorny, J.J.** (2005). Primate conflict and its relation to human forgiveness. In Everett L. Worthington (Ed.). *Handbook of Forgiveness*. New York: Brunner-Routledge.

Basso, M.A., **Pokorny, J.J.** & Liu, P. (2005). Activity of substantia nigra pars reticulata neurons during smooth pursuit eye movements in monkeys. *European Journal of Neuroscience*, 22(2), 448-464.

PRESENTATIONS

Pokorny, J.J., Webb, C., & de Waal, F.B.M. (August, 2009). Expertise and the inversion effect in capuchin (*Cebus apella*) face processing. Talk to be presented at the 32nd Annual Meeting of the American Society of Primatologists, San Diego, CA.

Pokorny, J.J. & de Waal, F.B.M. (June, 2009). In-group vs. out-group categorization in capuchin monkeys (*Cebus apella*) using a computerized oddity task. Poster presented at the Primate Mind Meeting, Erice, Italy.

Pokorny, J.J. & de Waal, F.B.M. (June, 2008). How capuchin monkeys (*Cebus apella*) categorize visual images of themselves: in-group vs. out-group. Poster presented at the 31st Annual Meeting of the American Society of Primatologists, West Palm Beach, FL.

Pokorny, J.J. & de Waal, F.B.M. (March, 2008). Capuchin monkeys (*Cebus apella*) demonstrate knowledge of group membership via an oddity task. Poster presented at the 15th Annual International Conference on Comparative Cognition, Melbourne Beach, FL.

Pokorny, J.J. & McKenzie, Y.M. (January, 2008). Finding Barney: Using PBL to introduce the process of fossilization to middle school students. Poster presented at the International Conference PBL 2008, Colima, Mexico.

Marsteller, P., Rose, J., Kacar, B., McKenzie, Y., DeLoney, D., Mercado, C., Gentry, J., Lockhart, A., Darrington, E., Patterson, M., Bailie, M., Henry, P., Lynch, S., **Pokorny, J.J.**, & Liatis, A. (January, 2008). Taking PBL to school: Considerations for middle and high school instruction. Workshop given at the International Conference PBL 2008, Colima, Mexico.

Pokorny, J.J. & de Waal, F.B.M. (June, 2007). Capuchin monkeys (*Cebus apella*) demonstrate knowledge of social group members via an oddity task. Talk given at the 30th Annual Meeting of the American Society of Primatologists, Winston-Salem, NC.

Pokorny, J.J. & de Waal, F.B.M. (March, 2006). Capuchin monkeys (*Cebus apella*) poorly transfer oddity concept from clip art to faces. Poster presented at the 13th Annual International Conference on Comparative Cognition, Melbourne Beach, FL.

Pokorny, J.J. & Basso, M.A. (April, 2003). Participation of basal ganglia nucleus neurons in smooth pursuit eye movements. Poster presented at the Society for the Neural Control of Movement, Santa Barbara, CA.

LOCAL PRESENTATIONS:

Pokorny, J.J. (April, 2007). Face recognition in capuchin monkeys (*Cebus apella*): Identification and classification of conspecifics. Talk given at the Neuroscience & Animal Behavior Graduate Student Seminar Series, Emory University, Atlanta, GA.

Gordon-McKeon, S., **Pokorny, J.J.** & de Waal, F.B.M. (August, 2006). Familiarity and color in object recognition in *Cebus apella*. Poster presented at the Emory Summer Undergraduate Research Experience, Emory University, Atlanta, GA.

Pokorny, J.J. (March, 2006). Capuchin (*Cebus apella*) performance on the oddity task with social stimuli (faces). Talk given at the Neuroscience & Animal Behavior Graduate Student Seminar Series, Emory University, Atlanta, GA.

Barrera, E., **Pokorny, J.J.** & de Waal, F.B.M. (August, 2005). Monkeys, mirrors, marvels: Mirror directed responses of juvenile capuchin monkeys (*Cebus apella*) in a reach-through task. Poster presented at the Emory Summer Undergraduate Research Experience, Emory University, Atlanta, GA.

Gervais, M., **Pokorny, J.J.** & de Waal, F.B.M (August, 2005). Contagious yawning and scratching in brown capuchin monkeys (*Cebus apella*). Poster presented at the Emory Summer Undergraduate Research Experience, Emory University, Atlanta, GA.

Pokorny, J.J. (April, 2005). Computerized testing with nonhuman primates. Talk given at the Neuroscience & Animal Behavior Graduate Student Seminar Series, Emory University, Atlanta, GA.

Pokorny, J.J. (April, 2004). Face recognition in capuchin monkeys: Identification and sex discrimination of conspecifics. Talk given at the Neuroscience & Animal Behavior Graduate Student Seminar Series, Emory University, Atlanta, GA.

TEACHING AND MENTORING

INSTRUCTOR:

- Perception and Action (Fall 2008)

TEACHING ASSISTANT: Held weekly office hours; proctored & graded exams; held exam review sessions; gave lectures as needed

- Introduction to Psychology I: Psychobiology and Cognition (Fall 2005, 2006)
- Primate Social Psychology (Spring 2006, 2007)

LABORATORY INSTRUCTOR: Instructor for weekly lab meetings; assisted students in designing, completing, and writing three research projects; instructed use of SPSS; developed and graded assignments; reviewed lecture material; held weekly office hours

- Applied Statistics for Psychology (Fall 2004)
- Experimental Methods (Spring 2005)

PRISM GRADUATE STUDENT INSTRUCTOR:

Paired with a local middle school teacher at Bethune Middle School to develop and implement problem-based learning (PBL) and investigative case-based learning (ICBL) for four 6th grade Earth Science classes. Created and adapted cases; implemented cases in the classroom; wrote case materials for online distribution (2007-2008)

MENTORING EXPERIENCE:

Participate in Graduate Senate Mentoring Program (2004-current) – program that matches undergraduates interested in applying to graduate school with current graduate students in the field

Supervised summer undergraduate student projects at the Emory University Summer Undergraduate Research Experience (SURE) including project design, data collection, analysis and presentation

- Elizabeth Barrera, Emory University, GA, 2005
- Matthew Gervais, SUNY Binghamton, NY, 2005
- Shauna Gordon-McKeon, Hampshire College, MA, 2006

Supervised undergraduate student Honors project at Emory University

- Christine Webb, 2007-2008

CAREER DEVELOPMENT

- 2008 PRISM Graduate Professional Development – Participated in a year-long seminar in preparing for an academic career in science research and teaching; Emory University, Atlanta, GA
- 2007 PRISM Summer Institute – Completed a two-week long intensive training on creating and implementing Problem-Based Learning (PBL) through PRISM (Problems & Research to Integrate Science & Mathematics); Emory University, Atlanta, GA
- 2005 Undergraduate Research Mentoring – Completed summer-long seminar on mentoring undergraduates in research; Emory University, Atlanta, GA
- 2005 Professional Issues – Completed semester-long course on a variety of professional issues: manuscript reviews, poster presentations, oral presentations, teaching portfolios, job searches; Emory University, Atlanta, GA
- 2004 Teaching Practicum – Completed semester-long course on teaching strategies and pedagogical issues in higher education; Emory University, Atlanta, GA
- 2004 Teaching Assistant and Teaching Opportunity (TATTO) Program – Completed week-long training on teaching themes and issues; Emory University, Atlanta, GA
- 2004 MATLAB Training Courses – Completed a two-day workshop: MATLAB Fundamentals and Programming Techniques as well as a one-day training: MATLAB for Image Processing

PROFESSIONAL EXPERIENCE

- 2007-2008 Psychology Department Self-Study, Emory University
Collected and prepared documents for Psychology Department's 2008 Self-Study
- 2008-2009 Center for Science Education, Emory University
Collected and edited problem-based learning (PBL) cases for CASES Online; gathered resources for FUSE (the Forum for Undergraduate Science Education), a wiki site for undergraduate science education; aided the organization of PRISM graduate student meetings; assisted in providing training at various PBL workshops

ORGANIZER

Living Links Workshop on the Computerized Testing of Primates (April 23, 2005) Emory Conference Center, Atlanta, GA – Co-organized a one-day workshop discussing computerized testing of primates involving researchers from Emory University, Yerkes National Primate Research Center, University of Georgia, Language Research Center, Georgia State, and the Great Ape Trust of Iowa

PROFESSIONAL AFFILIATIONS

American Society of Primatologists, Student Member, 2003-
Animal Behavior Society, Student Member, 2008-
Association for Women in Science, Student Member, 2007-
Comparative Cognition Society, Student Member, 2006-
International Primatological Society, Student Member, 2005-
Society for the Teaching of Psychology, Student Member, 2008-

ACADEMIC SERVICE

Member, Graduate Women in Psychology, Emory University, 2007-current
Member, Mentoring Committee, Emory University, 2007-2008
Member, Graduate Student Instructors in Psychology, Emory University, 2004-current
Member, Psychology Department Curriculum Committee, Emory University, 2005-2006

COMMUNITY SERVICE

2006-2008 EcoTeam Leader, Roots & Shoots – An environment education program using ecological concepts and the Learning Cycle model of science education (exploration, concept introduction, concept application) in conjunction with 3rd graders at Mary Lin Elementary School; Emory University, Atlanta, GA

REFERENCES

Excellent references available on request